

APPENDIX H: LTE AND NR LOWER BANDWIDTH RF CONDUCTED POWERS

All conducted power measurements for Sub6 WWAN technologies and bands in this section were performed by setting *Reserve_power_margin* (Qualcomm® Smart Transmit EFS entry) to 0 dB, so that the EUT transmits continuously at minimum (Plimit, maximum tune up output power Pmax).

Note: Some bands do not support three non-overlapping channels. Per KDB Publication 941225 D05v02, when a device supports overlapping channel assignment in a channel bandwidth configuration, the middle channel of the group of overlapping channels should be selected for testing.

H.1 LTE Lower Bandwidth RF Conducted Powers

H.1.1 LTE Band 71

Table H-1

LTE Band 71 Measured P_{Max} for DSI = 0 (Body-worn or Phablet), DSI = 2 (Head), or DSI = 4 (Earjack Active) - 15 MHz Bandwidth

LTE Band 71 15 MHz Bandwidth					
Modulation	RB Size	RB Offset	Mid Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			133297 (680.5 MHz)		
			Conducted Power [dBm]		
QPSK	1	0	24.85	0	0
	1	36	24.93		0
	1	74	24.76		0
	36	0	24.12	0-1	1
	36	18	24.07		1
	36	37	24.00		1
	75	0	24.04		1
16QAM	1	0	24.11	0-1	1
	1	36	24.31		1
	1	74	23.98		1
	36	0	23.05	0-2	2
	36	18	23.12		2
	36	37	22.92		2
	75	0	23.09		2
64QAM	1	0	23.10	0-2	2
	1	36	23.43		2
	1	74	23.00		2
	36	0	22.01	0-3	3
	36	18	22.10		3
	36	37	22.00		3
	75	0	22.15		3
256QAM	1	0	20.13	0-5	5
	1	36	20.19		5
	1	74	19.99		5
	36	0	20.08		5
	36	18	20.08		5
	36	37	20.04		5
	75	0	20.05		5

Table H-2

FCC ID: A3LSMF731U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 1 of 188

**LTE Band 71 Measured P_{Max} for DSI = 0 (Body-worn or Phablet), DSI = 2 (Head), or DSI = 4 (Earjack Active)
- 10 MHz Bandwidth**

LTE Band 71 10 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			133172 (668.0 MHz)	133297 (680.5 MHz)	133422 (693.0 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	24.93	25.24	25.18	0	0
	1	25	24.99	25.28	25.01		0
	1	49	24.96	25.11	24.90		0
	25	0	23.96	24.19	24.10	0-1	1
	25	12	24.02	24.27	24.10		1
	25	25	24.04	24.13	23.99		1
	50	0	24.02	24.25	24.07		1
16QAM	1	0	24.17	24.32	24.40	0-1	1
	1	25	24.28	24.66	24.24		1
	1	49	24.25	24.17	24.11		1
	25	0	23.04	23.20	23.10	0-2	2
	25	12	23.06	23.25	23.12		2
	25	25	23.06	23.14	23.04		2
	50	0	23.05	23.12	23.02		2
64QAM	1	0	23.11	23.36	23.24	0-2	2
	1	25	23.15	23.41	23.19		2
	1	49	23.18	23.26	23.03		2
	25	0	22.00	22.16	22.10	0-3	3
	25	12	22.09	22.19	22.03		3
	25	25	22.05	22.23	22.02		3
	50	0	22.06	22.18	22.05		3
256QAM	1	0	20.10	20.16	19.95	0-5	5
	1	25	20.04	20.29	20.14		5
	1	49	19.99	20.03	19.86		5
	25	0	19.97	20.13	20.07		5
	25	12	20.07	20.18	20.04		5
	25	25	20.06	20.08	19.99		5
	50	0	20.04	20.20	20.04		5

Table H-3

**LTE Band 71 Measured P_{Max} for DSI = 0 (Body-worn or Phablet), DSI = 2 (Head), or DSI = 4 (Earjack Active)
- 5 MHz Bandwidth**

LTE Band 71 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			133147 (665.5 MHz)	133297 (680.5 MHz)	133447 (695.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	24.87	25.05	25.06	0	0
	1	12	25.03	25.25	25.00		0
	1	24	24.94	25.21	24.86		0
	12	0	23.94	24.21	23.94	0-1	1
	12	6	23.95	24.27	24.00		1
	12	13	23.97	24.13	24.02		1
	25	0	23.99	24.16	24.05		1
16QAM	1	0	24.08	24.49	24.21	0-1	1
	1	12	24.17	24.53	24.33		1
	1	24	24.13	24.39	24.34		1
	12	0	22.89	23.23	23.00	0-2	2
	12	6	23.01	23.27	23.09		2
	12	13	23.00	23.21	22.97		2
	25	0	22.93	23.18	22.99		2
64QAM	1	0	23.10	23.35	23.19	0-2	2
	1	12	22.93	23.42	23.10		2
	1	24	23.16	23.27	23.05		2
	12	0	21.93	22.21	22.09	0-3	3
	12	6	22.00	22.23	22.09		3
	12	13	21.95	22.22	21.98		3
	25	0	22.01	22.19	21.93		3
256QAM	1	0	20.04	20.33	20.11	0-5	5
	1	12	20.03	20.35	20.01		5
	1	24	19.89	20.30	19.94		5
	12	0	19.87	20.29	20.06		5
	12	6	19.98	20.29	20.02		5
	12	13	19.95	20.20	20.02		5
	25	0	19.91	20.22	20.02		5

FCC ID: A3LSMF731U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 2 of 188

Table H-4
LTE Band 71 Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 15 MHz Bandwidth

LTE Band 71 15 MHz Bandwidth					
Modulation	RB Size	RB Offset	Mid Channel 133297 (680.5 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]		
QPSK	1	0	24.02	0	0
	1	36	24.36		0
	1	74	24.09		0
	36	0	24.14	0-1	0
	36	18	24.18		0
	36	37	24.14		0
	75	0	24.19		0
16QAM	1	0	24.15	0-1	0
	1	36	24.41		0
	1	74	24.10		0
	36	0	23.09	0-2	1
	36	18	23.18		1
	36	37	23.12		1
	75	0	23.19		1
64QAM	1	0	23.22	0-2	1
	1	36	23.33		1
	1	74	23.15		1
	36	0	22.15	0-3	2
	36	18	22.17		2
	36	37	22.12		2
	75	0	22.21		2
256QAM	1	0	20.23	0-5	4
	1	36	20.24		4
	1	74	20.08		4
	36	0	20.15		4
	36	18	20.19		4
	36	37	20.12		4
	75	0	20.12		4

Table H-5
LTE Band 71 Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 10 MHz Bandwidth

LTE Band 71 10 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			133172 (668.0 MHz)	133297 (680.5 MHz)	133422 (693.0 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	23.98	24.31	24.09	0	0
	1	25	24.08	24.36	24.12		0
	1	49	24.10	24.23	24.03		0
	25	0	24.07	24.34	24.23	0-1	0
	25	12	24.14	24.33	24.15		0
	25	25	24.14	24.27	24.08		0
	50	0	24.12	24.28	24.09		0
16QAM	1	0	24.28	24.44	24.47	0-1	0
	1	25	24.32	24.63	24.30		0
	1	49	24.25	24.61	24.17		0
	25	0	23.08	23.36	23.25	0-2	1
	25	12	23.15	23.34	23.14		1
	25	25	23.21	23.24	23.07		1
	50	0	23.15	23.30	23.15		1
64QAM	1	0	23.18	23.37	23.33	0-2	1
	1	25	23.25	23.49	23.26		1
	1	49	23.17	23.48	23.13		1
	25	0	22.05	22.34	22.20	0-3	2
	25	12	22.17	22.35	22.11		2
	25	25	22.20	22.25	22.10		2
	50	0	22.15	22.27	22.16		2
256QAM	1	0	20.17	20.33	20.28	0-5	4
	1	25	20.29	20.49	20.24		4
	1	49	20.18	20.22	20.03		4
	25	0	20.03	20.37	20.24		4
	25	12	20.15	20.37	20.22		4
	25	25	20.14	20.32	20.12		4
	50	0	20.14	20.36	20.17		4

FCC ID: A3LSMF731U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 3 of 188

Table H-6
LTE Band 71 Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 5 MHz Bandwidth

LTE Band 71							
5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			133147 (665.5 MHz)	133297 (680.5 MHz)	133447 (695.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	24.09	24.32	24.08	0	0
	1	12	24.10	24.35	24.12		0
	1	24	24.05	24.24	23.94		0
	12	0	24.01	24.36	24.10	0-1	0
	12	6	24.12	24.35	24.09		0
	12	13	24.04	24.19	23.93		0
	25	0	24.10	24.32	24.05		0
16QAM	1	0	24.20	24.49	24.14	0-1	0
	1	12	24.18	24.59	24.25		0
	1	24	24.25	24.57	24.18		0
	12	0	22.99	23.37	23.11	0-2	1
	12	6	23.16	23.35	23.12		1
	12	13	23.14	23.26	23.00		1
	25	0	23.10	23.30	23.08		1
64QAM	1	0	23.12	23.59	23.16	0-2	1
	1	12	23.16	23.63	23.21		1
	1	24	23.23	23.49	23.18		1
	12	0	21.98	22.31	22.11	0-3	2
	12	6	22.09	22.35	22.09		2
	12	13	22.11	22.31	21.99		2
	25	0	22.08	22.32	22.09		2
256QAM	1	0	19.95	20.36	20.16	0-5	4
	1	12	20.09	20.60	20.20		4
	1	24	20.08	20.37	20.08		4
	12	0	19.90	20.34	20.12		4
	12	6	20.08	20.37	20.22		4
	12	13	20.05	20.26	19.97		4
	25	0	20.03	20.34	20.15		4

FCC ID: A3LSMF731U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 4 of 188

H.1.2 LTE Band 12

Table H-7
LTE Band 12 Measured P_{Max} for DSI = 2 (Head) - 5 MHz Bandwidth

LTE Band 12 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			23035 (701.5 MHz)	23095 (707.5 MHz)	23155 (713.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	24.52	24.41	24.45	0	0
	1	12	24.48	24.58	24.52		0
	1	24	24.36	24.33	24.45		0
	12	0	23.46	23.47	23.47	0-1	1
	12	6	23.49	23.49	23.52		1
	12	13	23.40	23.37	23.49		1
16QAM	25	0	23.40	23.47	23.47	0-1	1
	1	0	23.54	23.58	23.87		1
	1	12	23.88	23.90	23.69		1
	1	24	23.57	23.58	23.75	0-2	1
	12	0	22.50	22.50	22.40		2
	12	6	22.58	22.56	22.54		2
64QAM	12	13	22.42	22.49	22.54	0-2	2
	25	0	22.49	22.49	22.49		2
	1	0	22.59	22.73	22.74		2
	1	12	22.63	22.61	22.75	0-3	2
	1	24	22.38	22.50	22.60		2
	12	0	21.48	21.49	21.47		3
256QAM	12	6	21.41	21.53	21.54	0-3	3
	12	13	21.41	21.45	21.52		3
	25	0	21.46	21.45	21.43		3
	1	0	19.40	19.50	19.46	0-5	5
	1	12	19.64	19.60	19.41		5
	1	24	19.51	19.43	19.56		5
12	0	19.47	19.50	19.46	5		
12	6	19.50	19.55	19.53	5		
12	13	19.40	19.50	19.42	5		
	25	0	19.50	19.50	19.51		5

Table H-8
LTE Band 12 Measured P_{Max} for DSI = 2 (Head) - 3 MHz Bandwidth

LTE Band 12 3 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			23025 (700.5 MHz)	23095 (707.5 MHz)	23165 (714.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	24.49	24.39	24.41	0	0
	1	7	24.58	24.49	24.58		0
	1	14	24.48	24.36	24.41		0
	8	0	23.59	23.52	23.47	0-1	1
	8	4	23.66	23.46	23.48		1
	8	7	23.53	23.50	23.49		1
	15	0	23.55	23.46	23.40		1
16QAM	1	0	23.71	23.57	23.67	0-1	1
	1	7	23.94	23.68	23.76		1
	1	14	23.64	23.61	23.77		1
	8	0	22.67	22.50	22.50	0-2	2
	8	4	22.63	22.55	22.54		2
	8	7	22.64	22.56	22.56		2
	15	0	22.60	22.50	22.34		2
64QAM	1	0	22.78	22.57	22.66	0-2	2
	1	7	22.71	22.59	22.70		2
	1	14	22.60	22.48	22.44		2
	8	0	21.67	21.49	21.41	0-3	3
	8	4	21.63	21.46	21.46		3
	8	7	21.60	21.47	21.46		3
	15	0	21.63	21.40	21.44		3
256QAM	1	0	19.66	19.46	19.55	0-5	5
	1	7	19.65	19.51	19.72		5
	1	14	19.58	19.43	19.55		5
	8	0	19.62	19.45	19.42		5
	8	4	19.59	19.53	19.52		5
	8	7	19.55	19.56	19.45		5
	15	0	19.57	19.50	19.42		5

FCC ID: A3LSMF731U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 5 of 188

Table H-9
LTE Band 12 Measured P_{Max} for DSI = 2 (Head) – 1.4 MHz Bandwidth

LTE Band 12 1.4 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			23017 (699.7 MHz)	23095 (707.5 MHz)	23173 (715.3 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	24.56	24.47	24.47	0	0
	1	2	24.66	24.51	24.48		0
	1	5	24.58	24.48	24.37		0
	3	0	24.59	24.43	24.45		0
	3	2	24.56	24.49	24.43		0
	3	3	24.68	24.37	24.51		0
	6	0	23.63	23.44	23.41		0-1
16QAM	1	0	23.91	23.57	23.83	0-1	1
	1	2	23.78	23.78	23.74		1
	1	5	24.02	23.71	23.79		1
	3	0	23.61	23.54	23.60		1
	3	2	23.66	23.63	23.67		1
	3	3	23.70	23.61	23.64		1
	6	0	22.65	22.50	22.56		0-2
64QAM	1	0	22.65	22.48	22.75	0-2	2
	1	2	22.70	22.76	22.68		2
	1	5	22.71	22.51	22.63		2
	3	0	22.68	22.59	22.55		2
	3	2	22.74	22.58	22.66		2
	3	3	22.68	22.56	22.58		2
	6	0	21.65	21.50	21.52		0-3
256QAM	1	0	19.70	19.42	19.49	0-5	5
	1	2	19.63	19.58	19.48		5
	1	5	19.70	19.42	19.54		5
	3	0	19.59	19.56	19.50		5
	3	2	19.58	19.43	19.54		5
	3	3	19.61	19.52	19.50		5
	6	0	19.54	19.49	19.45		5

Table H-10
LTE Band 12 Measured P_{Limit} for DSI = 0 (Body-worn or Phablet), DSI = 3 (Hotspot- Mode), or DSI = 4 (Earjack Active) - 5 MHz Bandwidth

LTE Band 12 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			23035 (701.5 MHz)	23095 (707.5 MHz)	23155 (713.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	22.85	22.64	22.73	0	0
	1	12	22.80	22.78	22.71		0
	1	24	22.66	22.74	22.69		0
	12	0	22.84	22.73	22.66		0
	12	6	22.87	22.75	22.82		0
	12	13	22.78	22.76	22.70		0
	25	0	22.84	22.78	22.73		0
16QAM	1	0	22.87	22.84	22.86	0-1	0
	1	12	23.09	22.84	23.06		0
	1	24	23.04	22.71	22.89		0
	12	0	22.89	22.72	22.77		0
	12	6	22.91	22.76	22.82		0
	12	13	22.83	22.78	22.76		0
	25	0	22.81	22.69	22.72		0
64QAM	1	0	23.02	22.82	22.83	0-2	0
	1	12	23.06	22.89	22.84		0
	1	24	22.99	22.82	22.90		0
	12	0	21.95	21.90	21.75		1
	12	6	22.01	21.82	21.90		1
	12	13	21.90	21.80	21.87		1
	25	0	21.94	21.84	21.88		1
256QAM	1	0	20.02	19.84	19.83	0-5	3
	1	12	20.07	19.87	20.04		3
	1	24	19.90	19.86	19.89		3
	12	0	19.99	19.84	19.76		3
	12	6	19.97	19.89	19.95		3
	12	13	19.88	19.83	19.82		3
	25	0	19.91	19.82	19.86		3

FCC ID: A3LSMF731U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 6 of 188

Table H-11

LTE Band 12 Measured P_{Limit} for DSI = 0 (Body-worn or Phablet), DSI = 3 (Hotspot- Mode), or DSI = 4 (Earjack Active) - 3 MHz Bandwidth

LTE Band 12 3 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			23025 (700.5 MHz)	23095 (707.5 MHz)	23165 (714.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	22.72	22.57	22.57	0	0
	1	7	22.77	22.72	22.62		0
	1	14	22.77	22.56	22.58		0
	8	0	22.86	22.73	22.65	0-1	0
	8	4	22.87	22.67	22.71		0
	8	7	22.74	22.66	22.69		0
	15	0	22.76	22.63	22.58		0
16QAM	1	0	23.02	22.80	22.74	0-1	0
	1	7	22.93	23.03	22.91		0
	1	14	22.81	22.81	22.79		0
	8	0	22.85	22.73	22.69	0-2	0
	8	4	22.88	22.72	22.78		0
	8	7	22.84	22.75	22.73		0
	15	0	22.83	22.65	22.64		0
64QAM	1	0	22.87	22.66	22.88	0-2	0
	1	7	23.03	22.69	22.88		0
	1	14	23.02	22.72	22.78		0
	8	0	21.89	21.80	21.73	0-3	1
	8	4	21.97	21.76	21.80		1
	8	7	21.86	21.77	21.75		1
	15	0	21.89	21.74	21.70		1
256QAM	1	0	19.96	19.76	19.82	0-5	3
	1	7	19.97	19.91	19.85		3
	1	14	19.82	19.80	19.79		3
	8	0	19.95	19.89	19.79		3
	8	4	19.93	19.82	19.86		3
	8	7	19.91	19.82	19.77		3
	15	0	19.86	19.79	19.67		3

Table H-12

LTE Band 12 Measured P_{Limit} for DSI = 0 (Body-worn or Phablet), DSI = 3 (Hotspot- Mode), or DSI = 4 (Earjack Active) – 1.4 MHz Bandwidth

LTE Band 12 1.4 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			23017 (699.7 MHz)	23095 (707.5 MHz)	23173 (715.3 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	22.71	22.78	22.60	0	0
	1	2	22.79	22.73	22.60		0
	1	5	22.81	22.80	22.63		0
	3	0	22.76	22.78	22.54		0
	3	2	22.77	22.76	22.66		0
	3	3	22.70	22.77	22.64		0
	6	0	22.72	22.73	22.60		0-1
16QAM	1	0	22.94	22.93	22.65	0-1	0
	1	2	22.88	22.99	23.02		0
	1	5	23.05	22.91	23.00		0
	3	0	22.86	22.83	22.78		0
	3	2	22.98	22.85	22.78		0
	3	3	22.98	22.85	22.75		0
	6	0	22.79	22.86	22.76		0-2
64QAM	1	0	23.17	22.90	22.97	0-2	0
	1	2	23.02	23.04	22.86		0
	1	5	22.76	23.04	22.79		0
	3	0	22.89	22.95	22.81		0
	3	2	22.91	22.91	22.81		0
	3	3	22.80	22.93	22.71		0
	6	0	21.81	21.89	21.81		0-3
256QAM	1	0	20.03	20.02	19.82	0-5	3
	1	2	19.83	19.91	19.77		3
	1	5	19.90	20.00	19.71		3
	3	0	20.01	19.96	19.82		3
	3	2	19.98	19.90	19.85		3
	3	3	19.88	19.86	19.80		3
	6	0	19.93	19.85	19.76		3

FCC ID: A3LSMF731U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 7 of 188

H.1.3 LTE Band 13

Table H-13
LTE Band 13 Measured P_{Max} for DSI = 2 (Head) - 5 MHz Bandwidth

LTE Band 13 5 MHz Bandwidth					
Modulation	RB Size	RB Offset	Mid Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			23230 (782.0 MHz) Conducted Power [dBm]		
QPSK	1	0	24.73	0	0
	1	12	24.70		0
	1	24	24.67		0
	12	0	23.66	0-1	1
	12	6	23.66		1
	12	13	23.66		1
	25	0	23.65		1
16QAM	1	0	23.79	0-1	1
	1	12	23.88		1
	1	24	23.90		1
	12	0	22.66	0-2	2
	12	6	22.69		2
	12	13	22.69		2
	25	0	22.63		2
64QAM	1	0	22.88	0-2	2
	1	12	22.79		2
	1	24	22.68		2
	12	0	21.68	0-3	3
	12	6	21.63		3
	12	13	21.71		3
	25	0	21.63		3
256QAM	1	0	19.81	0-5	5
	1	12	19.90		5
	1	24	19.67		5
	12	0	19.67		5
	12	6	19.64		5
	12	13	19.75		5
	25	0	19.63		5

Table H-14
LTE Band 13 Measured P_{Limit} for DSI = 0 (Body-worn or Phablet), DSI = 3 (Hotspot Mode), or DSI = 4 (Earjack Active) - 5 MHz Bandwidth

LTE Band 13 5 MHz Bandwidth					
Modulation	RB Size	RB Offset	Mid Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			23230 (782.0 MHz) Conducted Power [dBm]		
QPSK	1	0	22.08	0	0
	1	12	22.24		0
	1	24	21.97		0
	12	0	22.16	0-1	0
	12	6	22.20		0
	12	13	21.99		0
	25	0	22.13		0
16QAM	1	0	22.43	0-1	0
	1	12	22.34		0
	1	24	22.24		0
	12	0	22.15	0-2	0
	12	6	22.21		0
	12	13	22.07		0
	25	0	22.07		0
64QAM	1	0	22.24	0-2	0
	1	12	22.37		0
	1	24	22.06		0
	12	0	22.19	0-3	0
	12	6	22.21		0
	12	13	22.04		0
	25	0	22.10		0
256QAM	1	0	20.22	0-5	2
	1	12	20.24		2
	1	24	20.09		2
	12	0	20.15		2
	12	6	20.18		2
	12	13	20.09		2
	25	0	20.05		2

FCC ID: A3LSMF731U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 8 of 188

H.1.4 LTE Band 14

Table H-15
LTE Band 14 Measured P_{Max} for DSI = 2 (Head) - 5 MHz Bandwidth

LTE Band 14 5 MHz Bandwidth					
Modulation	RB Size	RB Offset	Mid Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			23330 (793.0 MHz)		
			Conducted Power [dBm]		
QPSK	1	0	24.48	0	0
	1	12	24.44		0
	1	24	24.27		0
	12	0	23.39	0-1	1
	12	6	23.29		1
	12	13	23.26		1
	25	0	23.28		1
16QAM	1	0	23.79	0-1	1
	1	12	23.49		1
	1	24	23.43		1
	12	0	22.45	0-2	2
	12	6	22.41		2
	12	13	22.32		2
	25	0	22.32		2
64QAM	1	0	22.62	0-2	2
	1	12	22.48		2
	1	24	22.37		2
	12	0	21.45	0-3	3
	12	6	21.36		3
	12	13	21.28		3
	25	0	21.30		3
256QAM	1	0	19.63	0-5	5
	1	12	19.64		5
	1	24	19.34		5
	12	0	19.45		5
	12	6	19.36		5
	12	13	19.31		5
	25	0	19.36		5

Table H-16
LTE Band 14 Measured P_{Limit} for DSI = 0 (Body-worn or Phablet), DSI = 3 (Hotspot Mode), or DSI = 4 (Earjack Active) - 5 MHz Bandwidth

LTE Band 14 5 MHz Bandwidth					
Modulation	RB Size	RB Offset	Mid Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			23330 (793.0 MHz)		
			Conducted Power [dBm]		
QPSK	1	0	22.76	0	0
	1	12	22.75		0
	1	24	22.60		0
	12	0	22.75	0-1	0
	12	6	22.69		0
	12	13	22.59		0
	25	0	22.65		0
16QAM	1	0	22.84	0-1	0
	1	12	22.93		0
	1	24	22.77		0
	12	0	22.81	0-2	0
	12	6	22.68		0
	12	13	22.69		0
	25	0	22.64		0
64QAM	1	0	22.96	0-2	0
	1	12	22.98		0
	1	24	22.64		0
	12	0	21.87	0-3	1
	12	6	21.82		1
	12	13	21.73		1
	25	0	21.81		1
256QAM	1	0	20.06	0-5	3
	1	12	19.93		3
	1	24	19.74		3
	12	0	19.81		3
	12	6	19.85		3
	12	13	19.71		3
	25	0	19.70		3

FCC ID: A3LSMF731U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 9 of 188

H.1.5 LTE Band 26

Table H-17

LTE Band 26 (Cell) Measured P_{Max} for DSI = 0 (Body-worn or Phablet), DSI = 2 (Head), or DSI = 4 (Earjack Active) - 10 MHz Bandwidth

LTE Band 26 (Cell) 10 MHz Bandwidth								
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]	
			26740 (819.0 MHz)	26865 (831.5 MHz)	26990 (844.0 MHz)			
			Conducted Power [dBm]					
QPSK	1	0	24.67	24.77	24.89	0	0	
	1	25	24.68	24.78	24.70		0	
	1	49	24.73	24.67	24.53		0	
	25	0	23.54	23.76	23.60	0-1	1	
	25	12	23.64	23.81	23.71		1	
	25	25	23.64	23.84	23.65		1	
16QAM	50	0	23.65	23.77	23.69	0-1	1	
	1	0	23.83	23.93	24.02		1	
	1	25	23.93	24.06	24.00		1	
	1	49	23.92	23.99	23.82	0-2	1	
	25	0	22.59	22.80	22.64		2	
	25	12	22.67	22.82	22.69		2	
64QAM	25	25	22.66	22.85	22.66	0-2	2	
	50	0	22.64	22.77	22.65		2	
	1	0	22.79	22.95	22.82		0-2	2
	1	25	22.85	22.99	22.79	2		
	1	49	22.93	22.89	22.69	2		
	25	0	21.55	21.77	21.62	0-3	3	
25	12	21.68	21.80	21.71	3			
25	25	21.62	21.84	21.63	3			
256QAM	50	0	21.64	21.78	21.68	0-3	3	
	1	0	19.50	19.86	19.75		0-5	5
	1	25	19.76	20.06	19.82			5
	1	49	19.72	19.97	19.63	5		
	25	0	19.58	19.76	19.60	5		
	25	12	19.70	19.79	19.70	5		
25	25	19.69	19.87	19.61	5			
	50	0	19.69	19.77	19.67		5	

Table H-18

LTE Band 26 (Cell) Measured P_{Max} for DSI = 0 (Body-worn or Phablet), DSI = 2 (Head), or DSI = 4 (Earjack Active) - 5 MHz Bandwidth

LTE Band 26 (Cell) 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26715 (816.5 MHz)	26865 (831.5 MHz)	27015 (846.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	24.63	24.90	24.56	0	0
	1	12	24.70	25.00	24.59		0
	1	24	24.63	24.88	24.53		0
	12	0	23.52	23.77	23.56	0-1	1
	12	6	23.64	23.81	23.58		1
	12	13	23.60	23.83	23.60		1
	25	0	23.59	23.79	23.51		1
16QAM	1	0	23.90	24.17	23.91	0-1	1
	1	12	23.98	24.22	24.05		1
	1	24	23.90	24.08	23.92		1
	12	0	22.58	22.80	22.58	0-2	2
	12	6	22.70	22.84	22.61		2
	12	13	22.64	22.89	22.65		2
	25	0	22.63	22.78	22.57		2
64QAM	1	0	22.75	22.90	22.88	0-2	2
	1	12	22.84	22.89	22.89		2
	1	24	22.74	22.92	22.71		2
	12	0	21.55	21.80	21.58	0-3	3
	12	6	21.66	21.82	21.63		3
	12	13	21.63	21.84	21.64		3
	25	0	21.62	21.76	21.56		3
256QAM	1	0	19.65	19.89	19.54	0-5	5
	1	12	19.82	19.99	19.67		5
	1	24	19.71	19.90	19.63		5
	12	0	19.54	19.78	19.57		5
	12	6	19.67	19.80	19.57		5
	12	13	19.64	19.81	19.57		5
	25	0	19.62	19.78	19.54		5

FCC ID: A3LSMF731U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 10 of 188

Table H-19

LTE Band 26 (Cell) Measured P_{Max} for DSI = 0 (Body-worn or Phablet), DSI = 2 (Head), or DSI = 4 (Earjack Active) - 3 MHz Bandwidth

LTE Band 26 (Cell) 3 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26705 (815.5 MHz)	26865 (831.5 MHz)	27025 (847.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	24.58	24.74	24.55	0	0
	1	7	24.68	24.78	24.64		0
	1	14	24.57	24.70	24.48		0
	8	0	23.50	23.74	23.66	0-1	1
	8	4	23.60	23.78	23.64		1
	8	7	23.59	23.85	23.61		1
16QAM	15	0	23.57	23.76	23.62	0-1	1
	1	0	23.81	24.01	23.82		1
	1	7	23.90	24.04	23.95		1
	1	14	23.81	23.91	23.81	0-2	1
	8	0	22.54	22.80	22.65		2
	8	4	22.67	22.87	22.67		2
64QAM	8	7	22.64	22.89	22.65	0-2	2
	15	0	22.58	22.79	22.64		2
	1	0	22.65	23.02	22.66	0-2	2
	1	7	22.82	23.08	22.78		2
	1	14	22.78	22.99	22.66		2
	8	0	21.52	21.78	21.65	0-3	3
8	4	21.61	21.82	21.67	3		
8	7	21.61	21.91	21.59	3		
256QAM	15	0	21.61	21.79	21.61	0-5	3
	1	0	19.57	19.80	19.73		5
	1	7	19.67	19.97	19.81		5
	1	14	19.61	19.91	19.65		5
	8	0	19.54	19.78	19.62		5
	8	4	19.63	19.83	19.67		5
8	7	19.61	19.86	19.63	5		
15	0	19.60	19.74	19.59	5		

Table H-20

LTE Band 26 (Cell) Measured P_{Max} for DSI = 0 (Body-worn or Phablet), DSI = 2 (Head), or DSI = 4 (Earjack Active) – 1.4 MHz Bandwidth

LTE Band 26 (Cell) 1.4 MHz Bandwidth								
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]	
			26697 (814.7 MHz)	26865 (831.5 MHz)	27033 (848.3 MHz)			
			Conducted Power [dBm]					
QPSK	1	0	24.66	24.79	24.55	0	0	
	1	2	24.68	24.90	24.53		0	
	1	5	24.63	24.84	24.54		0	
	3	0	24.59	24.73	24.57		0	
	3	2	24.59	24.81	24.56		0	
	3	3	24.57	24.81	24.55		0	
16QAM	6	0	23.10	23.22	23.20	0-1	1	
	1	0	23.76	23.99	23.78		1	
	1	2	23.84	24.07	23.77		1	
	1	5	23.82	24.04	23.68		1	
	3	0	23.71	23.86	23.73		1	
	3	2	23.71	23.92	23.66		1	
64QAM	3	3	23.74	23.91	23.66	0-2	1	
	6	0	22.61	22.79	22.60		2	
	1	0	22.63	22.89	22.75		0-2	2
	1	2	22.70	22.94	22.81			2
	1	5	22.58	22.99	22.78			2
	3	0	22.64	22.80	22.63			2
3	2	22.66	22.87	22.66	2			
3	3	22.65	22.88	22.64	2			
256QAM	6	0	21.61	21.82	21.62	0-3	3	
	1	0	19.74	19.74	19.69		0-5	5
	1	2	19.78	19.84	19.69			5
	1	5	19.70	19.83	19.69			5
	3	0	19.68	19.75	19.61			5
	3	2	19.67	19.88	19.62			5
3	3	19.76	19.87	19.61	5			
6	0	19.58	19.76	19.54	5			

FCC ID: A3LSMF731U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 11 of 188

Table H-21
LTE Band 26 (Cell) Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 10 MHz Bandwidth

LTE Band 26 (Cell) 10 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26740 (819.0 MHz)	26865 (831.5 MHz)	26990 (844.0 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	22.52	22.66	22.61	0	0
	1	25	22.63	22.70	22.59		0
	1	49	22.66	22.63	22.49		0
	25	0	22.51	22.71	22.57	0-1	0
	25	12	22.64	22.76	22.66		0
	25	25	22.61	22.80	22.57		0
16QAM	50	0	22.62	22.71	22.64	0	
	1	0	22.74	22.97	23.01	0-1	0
	1	25	22.84	23.00	22.93		0
	1	49	22.90	22.92	22.88		0
	25	0	22.52	22.76	22.62	0-2	0
	25	12	22.64	22.78	22.72		0
25	25	22.59	22.82	22.65	0		
64QAM	50	0	22.62	22.73	22.67	0	
	1	0	22.69	22.82	22.83	0-2	0
	1	25	22.83	22.99	22.85		0
	1	49	22.84	22.87	22.75		0-3
	25	0	21.60	21.84	21.69	1	
	25	12	21.74	21.87	21.75	1	
256QAM	25	25	21.74	21.90	21.72	0-5	1
	50	0	21.70	21.85	21.75		1
	1	0	19.73	19.90	19.84		3
	1	25	19.87	20.08	19.91		3
	1	49	19.86	20.01	19.80		3
	25	0	19.61	19.87	19.68		3
256QAM	25	12	19.75	19.86	19.77	3	
	25	25	19.75	19.87	19.72	3	
	50	0	19.73	19.79	19.75	3	

Table H-22
LTE Band 26 (Cell) Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 5 MHz Bandwidth

LTE Band 26 (Cell) 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26715 (816.5 MHz)	26865 (831.5 MHz)	27015 (846.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	22.48	22.79	22.53	0	0
	1	12	22.60	22.90	22.58		0
	1	24	22.54	22.77	22.50		0
	12	0	22.46	22.72	22.50	0-1	0
	12	6	22.56	22.74	22.52		0
	12	13	22.56	22.79	22.59		0
	25	0	22.55	22.69	22.50	0	
16QAM	1	0	22.82	23.00	22.93	0-1	0
	1	12	22.92	23.01	22.97		0
	1	24	22.86	23.00	22.83		0
	12	0	22.54	22.75	22.59	0-2	0
	12	6	22.62	22.77	22.61		0
	12	13	22.61	22.81	22.65		0
	25	0	22.54	22.75	22.54	0	
64QAM	1	0	22.52	22.79	22.67	0-2	0
	1	12	22.70	22.99	22.79		0
	1	24	22.69	22.87	22.64		0
	12	0	21.58	21.85	21.62	0-3	1
	12	6	21.70	21.88	21.67		1
	12	13	21.64	21.91	21.69		1
	25	0	21.66	21.80	21.63	1	
256QAM	1	0	19.67	19.92	19.69	0-5	3
	1	12	19.85	20.07	19.78		3
	1	24	19.79	19.98	19.73		3
	12	0	19.56	19.80	19.61		3
	12	6	19.70	19.84	19.67		3
	12	13	19.65	19.88	19.69		3
	25	0	19.68	19.82	19.61		3

FCC ID: A3LSMF731U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 12 of 188

Table H-23
LTE Band 26 (Cell) Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 3 MHz Bandwidth

LTE Band 26 (Cell) 3 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26705 (815.5 MHz)	26865 (831.5 MHz)	27025 (847.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	22.41	22.64	22.48	0	0
	1	7	22.55	22.70	22.54		0
	1	14	22.45	22.65	22.43		0
	8	0	22.43	22.70	22.57	0-1	0
	8	4	22.53	22.72	22.59		0
	8	7	22.51	22.79	22.57		0
	15	0	22.50	22.69	22.55		0
16QAM	1	0	22.70	22.91	22.81	0-1	0
	1	7	22.76	23.01	22.90		0
	1	14	22.72	22.92	22.79		0
	8	0	22.51	22.76	22.63	0-2	0
	8	4	22.63	22.78	22.65		0
	8	7	22.57	22.84	22.63		0
	15	0	22.52	22.76	22.65		0
64QAM	1	0	22.61	22.92	22.66	0-2	0
	1	7	22.72	23.00	22.71		0
	1	14	22.62	22.93	22.60		0
	8	0	21.56	21.77	21.70	0-3	1
	8	4	21.66	21.87	21.74		1
	8	7	21.63	21.82	21.65		1
	15	0	21.61	21.81	21.69		1
256QAM	1	0	19.72	19.85	19.76	0-5	3
	1	7	19.86	20.09	19.85		3
	1	14	19.76	19.97	19.69		3
	8	0	19.56	19.84	19.69		3
	8	4	19.70	19.88	19.72		3
	8	7	19.62	19.91	19.67		3
	15	0	19.65	19.81	19.69		3

Table H-24
LTE Band 26 (Cell) Measured P_{Limit} for DSI = 3 (Hotspot Mode) – 1.4 MHz Bandwidth

LTE Band 26 (Cell) 1.4 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26697 (814.7 MHz)	26865 (831.5 MHz)	27033 (848.3 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	22.52	22.63	22.45	0	0
	1	2	22.55	22.72	22.47		0
	1	5	22.52	22.69	22.41		0
	3	0	22.48	22.64	22.52		0
	3	2	22.50	22.73	22.50		0
	3	3	22.49	22.70	22.49		0
	6	0	22.46	22.67	22.50	0-1	0
16QAM	1	0	22.69	22.92	22.76	0-1	0
	1	2	22.77	23.00	22.75		0
	1	5	22.72	23.00	22.77		0
	3	0	22.61	22.82	22.63		0
	3	2	22.60	22.88	22.64		0
	3	3	22.61	22.88	22.64		0
	6	0	22.55	22.76	22.59	0-2	0
64QAM	1	0	22.67	22.81	22.73	0-2	0
	1	2	22.69	23.00	22.64		0
	1	5	22.67	22.95	22.71		0
	3	0	22.45	22.68	22.62		0
	3	2	22.46	22.85	22.57		0
	3	3	22.42	22.74	22.60		0
	6	0	21.60	21.86	21.63	0-3	1
256QAM	1	0	19.73	19.87	19.75	0-5	3
	1	2	19.80	19.95	19.81		3
	1	5	19.76	19.98	19.78		3
	3	0	19.69	19.76	19.70		3
	3	2	19.54	19.83	19.67		3
	3	3	19.71	19.88	19.67		3
	6	0	19.61	19.79	19.57	3	

FCC ID: A3LSMF731U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 13 of 188

H.1.6 LTE Band 5

Table H-25

LTE Band 5 (Cell) Measured P_{Max} for DSI = 0 (Body-worn or Phablet), DSI = 2 (Head), or DSI = 4 (Earjack Active) - 5 MHz Bandwidth

LTE Band 5 (Cell) 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			20425 (826.5 MHz)	20525 (836.5 MHz)	20625 (846.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	24.78	24.81	24.62	0	0
	1	12	24.79	25.02	24.61		0
	1	24	24.81	24.89	24.55		0
	12	0	23.67	23.70	23.68	0-1	1
	12	6	23.79	23.80	23.67		1
	12	13	23.74	23.75	23.66		1
	25	0	23.74	23.71	23.72		1
16QAM	1	0	23.98	23.94	24.04	0-1	1
	1	12	23.95	24.17	23.99		1
	1	24	24.02	24.12	24.08		1
	12	0	22.66	22.79	22.75	0-2	2
	12	6	22.79	22.84	22.79		2
	12	13	22.78	22.80	22.69		2
	25	0	22.74	22.77	22.73		2
64QAM	1	0	23.05	23.00	22.95	0-2	2
	1	12	23.30	22.84	23.09		2
	1	24	22.96	22.65	22.93		2
	12	0	21.66	21.74	21.70	0-3	3
	12	6	21.78	21.79	21.77		3
	12	13	21.71	21.84	21.70		3
	25	0	21.77	21.75	21.71		3
256QAM	1	0	19.75	19.66	19.82	0-5	5
	1	12	19.88	20.16	19.65		5
	1	24	19.80	19.71	19.65		5
	12	0	19.66	19.70	19.63		5
	12	6	19.77	19.79	19.63		5
	12	13	19.67	19.77	19.69		5
	25	0	19.78	19.70	19.67		5

Table H-26

LTE Band 5 (Cell) Measured P_{Max} for DSI = 0 (Body-worn or Phablet), DSI = 2 (Head), or DSI = 4 (Earjack Active) - 3 MHz Bandwidth

LTE Band 5 (Cell) 3 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			20415 (825.5 MHz)	20525 (836.5 MHz)	20635 (847.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	24.57	24.77	24.55	0	0
	1	7	24.68	24.90	24.65		0
	1	14	24.59	24.80	24.52		0
	8	0	23.72	23.68	23.72	0-1	1
	8	4	23.69	23.73	23.69		1
	8	7	23.72	23.81	23.63		1
16QAM	15	0	23.68	23.73	23.66	0-1	1
	1	0	23.74	24.05	23.88		1
	1	7	23.81	24.18	23.97		1
	1	14	23.98	24.01	23.88	0-2	1
	8	0	22.82	22.72	22.69		2
	8	4	22.84	22.76	22.74		2
64QAM	8	7	22.70	22.84	22.66	0-2	2
	15	0	22.76	22.71	22.68		2
	1	0	22.75	22.88	23.11		0-2
	1	7	22.97	22.97	22.99	2	
	1	14	22.88	22.92	22.72	2	
	8	0	21.75	21.85	21.71	0-3	3
256QAM	8	4	21.83	21.81	21.69		3
	8	7	21.83	21.88	21.69		3
	15	0	21.71	21.76	21.68	3	
	1	0	19.85	19.90	19.63	0-5	5
	1	7	20.16	20.13	19.80		5
	1	14	19.95	19.78	19.72		5
8	0	19.73	19.68	19.65	5		
8	4	19.85	19.78	19.67	5		
256QAM	8	7	19.90	19.78	19.68	0-5	5
	15	0	19.75	19.77	19.65		5

FCC ID: A3LSMF731U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 14 of 188

Table H-27

LTE Band 5 (Cell) Measured P_{Max} for DSI = 0 (Body-worn or Phablet), DSI = 2 (Head), or DSI = 4 (Earjack Active) – 1.4 MHz Bandwidth

LTE Band 5 (Cell) 1.4 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			20407 (824.7 MHz)	20525 (836.5 MHz)	20643 (848.3 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	24.78	24.65	24.73	0	0
	1	2	24.76	24.75	24.69		0
	1	5	24.76	24.75	24.70		0
	3	0	24.65	24.78	24.70		0
	3	2	24.65	24.80	24.70		0
	3	3	24.65	24.80	24.69		0
	6	0	23.62	23.63	23.60	0-1	1
16QAM	1	0	23.95	23.88	23.90	0-1	1
	1	2	23.90	23.80	23.91		1
	1	5	23.88	24.10	23.75		1
	3	0	23.86	23.86	23.85		1
	3	2	23.72	23.88	23.82		1
	3	3	23.87	24.02	23.77		1
	6	0	22.67	22.88	22.70	0-2	2
64QAM	1	0	23.03	22.98	22.95	0-2	2
	1	2	22.97	23.05	23.06		2
	1	5	22.73	23.04	22.83		2
	3	0	22.93	23.06	22.95		2
	3	2	22.91	22.91	22.84		2
	3	3	22.85	23.00	22.89		2
	6	0	21.69	21.51	21.61	0-3	3
256QAM	1	0	19.83	19.81	19.95	0-5	5
	1	2	19.87	19.81	19.90		5
	1	5	19.67	20.08	19.68		5
	3	0	19.80	19.77	19.85		5
	3	2	19.81	19.92	19.80		5
	3	3	19.81	19.84	19.82		5
	6	0	19.60	19.62	19.66	5	

Table H-28

LTE Band 5 (Cell) Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 5 MHz Bandwidth

LTE Band 5 (Cell) 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			20425 (826.5 MHz)	20525 (836.5 MHz)	20625 (846.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	22.59	22.85	22.78	0	0
	1	12	22.70	22.85	22.96		0
	1	24	22.59	22.98	22.58		0
	12	0	22.54	22.89	22.70	0-1	0
	12	6	22.63	22.81	22.92		0
	12	13	22.63	22.95	22.86		0
	25	0	22.61	22.97	22.76	0	
16QAM	1	0	22.96	22.90	22.90	0-1	0
	1	12	22.82	22.80	22.74		0
	1	24	22.80	22.86	22.83		0
	12	0	22.63	22.95	22.90	0-2	0
	12	6	22.79	22.88	22.69		0
	12	13	22.73	22.96	22.75		0
	25	0	22.65	22.93	22.89	0	
64QAM	1	0	23.07	23.01	22.91	0-2	0
	1	12	23.04	22.87	22.91		0
	1	24	22.87	22.95	22.98		0
	12	0	21.65	21.78	21.71	0-3	1
	12	6	21.76	21.80	21.79		1
	12	13	21.74	21.78	21.66		1
	25	0	21.69	21.76	21.67	1	
256QAM	1	0	19.71	19.92	19.81	0-5	3
	1	12	19.95	19.97	19.79		3
	1	24	19.98	19.82	19.80		3
	12	0	19.64	19.77	19.67		3
	12	6	19.76	19.78	19.76		3
	12	13	19.75	19.83	19.65		3
	25	0	19.71	19.77	19.71		3

FCC ID: A3LSMF731U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 15 of 188

Table H-29
LTE Band 5 (Cell) Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 3 MHz Bandwidth

LTE Band 5 (Cell) 3 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			20415 (825.5 MHz)	20525 (836.5 MHz)	20635 (847.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	22.48	22.72	22.40	0	0
	1	7	22.51	22.90	22.49		0
	1	14	22.42	22.75	22.35		0
	8	0	22.57	22.53	22.59	0-1	0
	8	4	22.56	22.81	22.60		0
	8	7	22.57	22.69	22.53		0
	15	0	22.56	22.63	22.57		0
16QAM	1	0	22.92	22.57	22.67	0-1	0
	1	7	22.81	22.76	22.73		0
	1	14	22.75	22.78	22.63		0
	8	0	22.67	22.69	22.60	0-2	0
	8	4	22.61	22.66	22.58		0
	8	7	22.57	22.55	22.57		0
	15	0	22.65	22.86	22.54		0
64QAM	1	0	22.66	22.87	22.66	0-2	0
	1	7	22.76	22.63	22.78		0
	1	14	22.97	22.68	22.72		0
	8	0	21.79	21.74	21.72	0-3	1
	8	4	21.75	21.66	21.69		1
	8	7	21.70	21.73	21.73		1
	15	0	21.75	21.73	21.64		1
256QAM	1	0	19.56	19.85	19.74	0-5	3
	1	7	19.80	20.10	19.95		3
	1	14	19.73	19.94	19.85		3
	8	0	19.73	19.70	19.68		3
	8	4	19.78	19.73	19.80		3
	8	7	19.71	19.77	19.64		3
	15	0	19.66	19.71	19.67		3

Table H-30
LTE Band 5 (Cell) Measured P_{Limit} for DSI = 3 (Hotspot Mode) – 1.4 MHz Bandwidth

LTE Band 5 (Cell) 1.4 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			20407 (824.7 MHz)	20525 (836.5 MHz)	20643 (848.3 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	22.63	22.76	22.73	0	0
	1	2	22.68	22.99	22.73		0
	1	5	22.65	22.89	22.83		0
	3	0	22.51	22.85	22.63		0
	3	2	22.54	22.89	22.88		0
	3	3	22.64	23.04	22.82		0
	6	0	22.55	22.97	22.82	0-1	0
16QAM	1	0	22.87	22.70	22.62	0-1	0
	1	2	22.75	22.90	22.85		0
	1	5	22.63	22.97	22.67		0
	3	0	22.70	23.01	22.86		0
	3	2	22.75	23.06	22.89		0
	3	3	22.57	22.87	22.69		0
	6	0	22.69	22.87	22.87	0-2	0
64QAM	1	0	22.68	23.07	22.96	0-2	0
	1	2	22.54	22.92	22.74		0
	1	5	22.81	22.93	22.94		0
	3	0	22.70	22.80	22.64		0
	3	2	22.84	22.93	22.80		0
	3	3	22.74	22.81	22.63		0
	6	0	21.63	21.72	21.66	0-3	1
256QAM	1	0	19.78	19.70	19.83	0-5	3
	1	2	19.67	20.03	19.74		3
	1	5	19.70	19.84	19.74		3
	3	0	19.69	19.79	19.69		3
	3	2	19.77	19.88	19.63		3
	3	3	19.79	19.87	19.64		3
	6	0	19.60	19.71	19.63	3	

FCC ID: A3LSMF731U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 16 of 188

H.1.7 LTE Band 66 Antenna A

Table H-31
LTE Band 66 (AWS) Antenna A Measured P_{Max} for DSI = 2 (Head) – 15 MHz Bandwidth

LTE Band 66 (AWS) 15 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			132047 (1717.5 MHz)	132322 (1745.0 MHz)	132597 (1772.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	25.19	24.77	24.52	0	0
	1	36	25.27	24.79	24.58		0
	1	74	25.02	24.65	24.56		0
	36	0	24.17	23.75	23.67	0-1	1
	36	18	24.18	23.73	23.67		1
	36	37	24.04	23.74	23.75		1
16QAM	75	0	24.11	23.71	23.64	0-1	1
	1	0	24.36	23.91	23.89		1
	1	36	24.36	24.01	23.84		1
	1	74	24.27	24.21	23.87	0-2	1
	36	0	23.24	22.76	22.70		2
	36	18	23.21	22.77	22.68		2
64QAM	36	37	23.05	22.76	22.79	0-2	2
	75	0	23.15	22.76	22.66		2
	1	0	23.45	23.06	22.72	0-2	2
	1	36	23.42	23.13	23.02		2
	1	74	23.23	22.73	22.79	0-3	2
	36	0	22.17	21.76	21.69		3
256QAM	36	18	22.16	21.74	21.69	0-3	3
	36	37	22.06	21.71	21.73		3
	75	0	22.13	21.73	21.69	0-5	3
	1	0	20.26	19.54	19.82		5
	1	36	20.43	19.54	20.16		5
	1	74	20.20	19.84	20.19	0-5	5
36	0	20.16	19.75	19.63	5		
36	18	20.14	19.72	19.63	5		
	36	37	20.01	19.72	19.74		5
	75	0	20.07	19.68	19.66		5

Table H-32
LTE Band 66 (AWS) Antenna A Measured P_{Max} for DSI = 2 (Head) – 5 MHz Bandwidth

LTE Band 66 (AWS) 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			131997 (1712.5 MHz)	132322 (1745.0 MHz)	132647 (1777.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	25.34	24.98	24.71	0	0
	1	12	25.28	24.90	24.84		0
	1	24	25.17	25.00	24.78		0
	12	0	24.33	23.83	23.93	0-1	1
	12	6	24.39	23.91	23.91		1
	12	13	24.24	23.83	23.89		1
16QAM	25	0	24.36	23.81	23.91	0-1	1
	1	0	24.65	24.09	24.35		1
	1	12	24.61	24.01	24.36		1
	1	24	24.63	24.20	24.30	0-2	1
	12	0	23.43	22.85	22.96		2
	12	6	23.45	22.96	22.99		2
64QAM	12	13	23.33	22.89	22.97	0-2	2
	25	0	23.36	22.88	22.92		2
	1	0	23.31	23.04	23.10		0-2
	1	12	23.55	23.17	23.15	2	
	1	24	23.20	22.91	23.05	0-3	
	12	0	22.36	21.82	21.86		3
256QAM	12	6	22.40	21.89	21.94		0-3
	12	13	22.29	21.82	21.83	3	
	25	0	22.35	21.82	21.84	3	
	1	0	20.48	20.07	19.91	0-5	5
	1	12	20.54	20.21	20.02		5
	1	24	20.23	19.86	20.12		5
12	0	20.33	19.82	19.88	5		
12	6	20.33	19.93	19.90	5		
12	13	20.24	19.81	19.79	5		
	25	0	20.31	19.79	19.82		5

FCC ID: A3LSMF731U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 17 of 188

Table H-33
LTE Band 66 (AWS) Antenna A Measured P_{Max} for DSI = 2 (Head) – 3 MHz Bandwidth

LTE Band 66 (AWS) 3 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			131987 (1711.5 MHz)	132322 (1745.0 MHz)	132657 (1778.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	25.26	24.70	24.73	0	0
	1	7	25.24	24.78	24.94		0
	1	14	25.21	24.68	24.78		0
	8	0	24.30	23.86	23.87	0-1	1
	8	4	24.41	23.88	23.88		1
	8	7	24.23	23.85	23.85		1
	15	0	24.34	23.86	23.84		1
16QAM	1	0	24.59	24.07	24.08	0-1	1
	1	7	24.61	23.87	24.03		1
	1	14	24.54	24.05	24.13		1
	8	0	23.46	22.88	22.94	0-2	2
	8	4	23.43	22.89	23.01		2
	8	7	23.31	22.89	22.84		2
	15	0	23.42	22.88	22.93		2
64QAM	1	0	23.60	23.04	23.04	0-2	2
	1	7	23.68	22.92	23.11		2
	1	14	23.38	23.05	23.27		2
	8	0	22.42	21.85	21.84	0-3	3
	8	4	22.41	21.94	21.88		3
	8	7	22.22	21.82	21.90		3
	15	0	22.39	21.84	21.92		3
256QAM	1	0	20.62	19.97	20.07	0-5	5
	1	7	20.52	20.04	19.97		5
	1	14	20.35	19.94	20.23		5
	8	0	20.36	19.77	19.87		5
	8	4	20.34	19.92	19.92		5
	8	7	20.22	19.84	19.79		5
	15	0	20.43	19.82	19.92		5

Table H-34
LTE Band 66 (AWS) Antenna A Measured P_{Max} for DSI = 2 (Head) – 1.4 MHz Bandwidth

LTE Band 66 (AWS) 1.4 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			131979 (1710.7 MHz)	132322 (1745.0 MHz)	132665 (1779.3 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	25.33	24.84	24.79	0	0
	1	2	25.26	24.95	24.75		0
	1	5	25.22	24.94	24.78		0
	3	0	25.34	24.80	24.84		0
	3	2	25.31	24.84	24.86		0
	3	3	25.32	24.86	24.89		0
	6	0	24.32	23.76	23.80	0-1	1
16QAM	1	0	24.54	24.23	24.10	0-1	1
	1	2	24.57	24.28	24.02		1
	1	5	24.53	23.93	24.32		1
	3	0	24.54	23.98	23.98		1
	3	2	24.45	23.89	23.91		1
	3	3	24.56	23.98	24.01		1
	6	0	23.39	22.90	22.89	0-2	2
64QAM	1	0	23.34	23.09	23.09	0-2	2
	1	2	23.43	23.01	23.11		2
	1	5	23.38	22.98	22.90		2
	3	0	23.54	23.01	22.90		2
	3	2	23.48	22.97	23.02		2
	3	3	23.38	23.10	22.98		2
	6	0	22.34	21.88	21.90	0-3	3
256QAM	1	0	20.26	19.86	19.93	0-5	5
	1	2	20.54	19.98	19.93		5
	1	5	20.40	19.88	20.05		5
	3	0	20.37	19.82	19.94		5
	3	2	20.40	19.81	19.91		5
	3	3	20.42	20.05	19.90		5
	6	0	20.38	19.80	19.83	5	

FCC ID: A3LSMF731U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 18 of 188

Table H-35

LTE Band 66 (AWS) Antenna A Measured P_{Limit} DSI = 0 (Body-worn or Phablet), or DSI = 4 (Earjack Active)
– 15 MHz Bandwidth

LTE Band 66 (AWS) 15 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			132047 (1717.5 MHz)	132322 (1745.0 MHz)	132597 (1772.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	21.46	21.15	20.83	0	0
	1	36	21.33	21.14	20.99		0
	1	74	21.23	21.04	20.84		0
	36	0	21.48	21.12	21.06	0-1	0
	36	18	21.48	21.10	21.08		0
	36	37	21.40	21.07	21.13		0
	75	0	21.48	21.07	21.03		0
16QAM	1	0	21.85	21.18	21.17	0-1	0
	1	36	21.87	21.55	21.38		0
	1	74	21.59	21.31	21.15		0
	36	0	21.51	21.19	20.97	0-2	0
	36	18	21.52	21.09	21.04		0
	36	37	21.41	21.16	21.12		0
	75	0	21.50	21.09	21.08		0
64QAM	1	0	21.66	21.24	21.25	0-2	0
	1	36	21.57	21.54	21.44		0
	1	74	21.76	21.39	21.09		0
	36	0	21.51	21.11	21.09	0-3	0
	36	18	21.51	21.09	21.03		0
	36	37	21.41	21.10	21.13		0
	75	0	21.51	21.12	21.05		0
256QAM	1	0	20.22	19.68	19.49	0-5	1.5
	1	36	20.15	19.58	19.62		1.5
	1	74	20.03	19.74	19.88		1.5
	36	0	20.02	19.68	19.49		1.5
	36	18	20.05	19.66	19.51		1.5
	36	37	19.86	19.57	19.62		1.5
	75	0	20.04	19.57	19.53		1.5

Table H-36

LTE Band 66 (AWS) Antenna A Measured P_{Limit} DSI = 0 (Body-worn or Phablet), or DSI = 4 (Earjack Active)
– 5 MHz Bandwidth

LTE Band 66 (AWS) 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			131997 (1712.5 MHz)	132322 (1745.0 MHz)	132647 (1777.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	21.71	21.15	21.03	0	0
	1	12	21.74	21.24	21.13		0
	1	24	21.64	21.15	21.06		0
	12	0	21.75	21.21	21.24	0-1	0
	12	6	21.75	21.28	21.25		0
	12	13	21.62	21.23	21.25		0
	25	0	21.70	21.21	21.25		0
16QAM	1	0	21.85	21.59	21.56	0-1	0
	1	12	21.87	21.48	21.68		0
	1	24	21.84	21.50	21.39		0
	12	0	21.74	21.28	21.26	0-2	0
	12	6	21.78	21.26	21.29		0
	12	13	21.64	21.27	21.32		0
	25	0	21.75	21.25	21.28		0
64QAM	1	0	21.76	21.41	21.43	0-2	0
	1	12	21.86	21.60	21.47		0
	1	24	21.58	21.43	21.47		0
	12	0	21.77	21.21	21.29	0-3	0
	12	6	21.86	21.27	21.32		0
	12	13	21.69	21.21	21.31		0
	25	0	21.77	21.28	21.29		0
256QAM	1	0	20.33	20.08	19.75	0-5	1.5
	1	12	20.45	19.81	20.23		1.5
	1	24	20.15	19.94	19.82		1.5
	12	0	20.25	19.75	19.71		1.5
	12	6	20.26	19.75	19.85		1.5
	12	13	20.18	19.68	19.74		1.5
	25	0	20.21	19.74	19.78		1.5

FCC ID: A3LSMF731U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 19 of 188

Table H-37

LTE Band 66 (AWS) Antenna A Measured P_{Limit} DSI = 0 (Body-worn or Phablet), or DSI = 4 (Earjack Active)
- 3 MHz Bandwidth

LTE Band 66 (AWS) 3 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			131987 (1711.5 MHz)	132322 (1745.0 MHz)	132657 (1778.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	21.69	21.02	21.05	0	0
	1	7	21.70	21.12	21.16		0
	1	14	21.61	21.11	21.06		0
	8	0	21.65	21.20	21.24	0-1	0
	8	4	21.71	21.23	21.25		0
	8	7	21.58	21.19	21.24		0
	15	0	21.71	21.20	21.24		0
16QAM	1	0	21.85	21.37	21.41	0-1	0
	1	7	21.92	21.30	21.47		0
	1	14	21.80	21.17	21.37		0
	8	0	21.76	21.15	21.31	0-2	0
	8	4	21.79	21.37	21.27		0
	8	7	21.56	21.20	21.21		0
	15	0	21.81	21.23	21.23		0
64QAM	1	0	21.86	21.39	21.20	0-2	0
	1	7	21.93	21.46	21.58		0
	1	14	21.85	21.28	21.46		0
	8	0	21.74	21.26	21.33	0-3	0
	8	4	21.82	21.25	21.28		0
	8	7	21.73	21.22	21.26		0
	15	0	21.72	21.25	21.24		0
256QAM	1	0	20.35	19.69	19.76	0-5	1.5
	1	7	20.48	19.89	19.95		1.5
	1	14	20.31	19.96	19.72		1.5
	8	0	20.30	19.73	19.84		1.5
	8	4	20.26	19.78	19.79		1.5
	8	7	20.11	19.81	19.75		1.5
	15	0	20.18	19.68	19.72		1.5

Table H-38

LTE Band 66 (AWS) Antenna A Measured P_{Limit} DSI = 0 (Body-worn or Phablet), or DSI = 4 (Earjack Active)
- 1.4 MHz Bandwidth

LTE Band 66 (AWS) 1.4 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			131979 (1710.7 MHz)	132322 (1745.0 MHz)	132665 (1779.3 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	21.78	21.08	21.26	0	0
	1	2	21.76	21.06	21.30		0
	1	5	21.73	21.08	21.30		0
	3	0	21.60	21.18	21.17		0
	3	2	21.68	21.16	21.22		0
	3	3	21.62	21.17	21.15		0
	6	0	21.66	21.09	21.14		0
16QAM	1	0	21.91	21.39	21.22	0-1	0
	1	2	21.83	21.21	21.37		0
	1	5	21.85	21.39	21.37		0
	3	0	21.69	21.36	21.35		0
	3	2	21.87	21.30	21.45		0
	3	3	21.81	21.29	21.34		0
	6	0	21.69	21.27	21.38		0
64QAM	1	0	21.82	21.23	21.16	0-2	0
	1	2	21.84	21.30	21.53		0
	1	5	21.89	21.41	21.17		0
	3	0	21.91	21.27	21.36		0
	3	2	21.86	21.11	21.42		0
	3	3	21.83	21.30	21.43		0
	6	0	21.68	21.08	21.16		0
256QAM	1	0	20.17	19.80	19.85	0-3	1.5
	1	2	20.38	19.94	19.92		1.5
	1	5	20.32	19.82	19.82		1.5
	3	0	20.31	19.80	19.65		1.5
	3	2	20.29	19.83	19.69		1.5
	3	3	20.24	19.80	19.73		1.5
	6	0	20.26	19.74	19.70		1.5

FCC ID: A3LSMF731U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 20 of 188

Table H-39
LTE Band 66 (AWS) Antenna A Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 15 MHz Bandwidth

LTE Band 66 (AWS) 15 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			132047 (1717.5 MHz)	132322 (1745.0 MHz)	132597 (1772.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	19.62	19.26	18.98	0	0
	1	36	19.59	19.29	19.14		0
	1	74	19.51	19.24	19.00		0
	36	0	19.62	19.29	19.17	0-1	0
	36	18	19.62	19.32	19.22		0
	36	37	19.45	19.29	19.30		0
	75	0	19.58	19.28	19.21		0
16QAM	1	0	19.74	19.45	19.16	0-1	0
	1	36	19.86	19.31	19.17		0
	1	74	19.62	19.38	19.24		0
	36	0	19.56	19.08	19.01	0-2	0
	36	18	19.55	19.16	19.08		0
	36	37	19.46	19.09	19.09		0
	75	0	19.52	19.14	19.02		0
64QAM	1	0	19.87	19.39	19.18	0-2	0
	1	36	19.64	19.39	19.27		0
	1	74	19.66	19.38	19.02		0
	36	0	19.61	19.12	19.07	0-3	0
	36	18	19.49	19.08	19.10		0
	36	37	19.35	19.06	19.12		0
	75	0	19.50	19.11	19.01		0
256QAM	1	0	19.67	19.43	19.14	0-5	0
	1	36	19.79	19.04	19.41		0
	1	74	19.63	19.21	19.16		0
	36	0	19.54	19.05	19.03		0
	36	18	19.58	19.09	19.07		0
	36	37	19.40	19.09	19.14		0
	75	0	19.46	19.09	19.04		0

Table H-40
LTE Band 66 (AWS) Antenna A Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 5 MHz Bandwidth

LTE Band 66 (AWS) 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			131997 (1712.5 MHz)	132322 (1745.0 MHz)	132647 (1777.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	19.76	19.34	19.29	0	0
	1	12	19.89	19.46	19.36		0
	1	24	19.68	19.37	19.26		0
	12	0	19.77	19.38	19.40	0-1	0
	12	6	19.77	19.42	19.41		0
	12	13	19.73	19.36	19.43		0
	25	0	19.72	19.37	19.38		0
16QAM	1	0	19.89	19.46	19.58	0-1	0
	1	12	20.02	19.59	19.44		0
	1	24	19.79	19.31	19.41		0
	12	0	19.81	19.27	19.32	0-2	0
	12	6	19.82	19.24	19.28		0
	12	13	19.66	19.24	19.32		0
	25	0	19.76	19.32	19.25		0
64QAM	1	0	19.88	19.47	19.33	0-2	0
	1	12	20.09	19.50	19.29		0
	1	24	19.85	19.50	19.35		0
	12	0	19.70	19.27	19.22	0-3	0
	12	6	19.75	19.26	19.29		0
	12	13	19.66	19.27	19.22		0
	25	0	19.75	19.23	19.25		0
256QAM	1	0	19.81	19.15	19.45	0-5	0
	1	12	19.87	19.55	19.40		0
	1	24	19.72	19.38	19.28		0
	12	0	19.82	19.21	19.31		0
	12	6	19.85	19.25	19.37		0
	12	13	19.60	19.27	19.22		0
	25	0	19.73	19.25	19.26		0

FCC ID: A3LSMF731U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 21 of 188

Table H-41
LTE Band 66 (AWS) Antenna A Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 3 MHz Bandwidth

LTE Band 66 (AWS) 3 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			131987 (1711.5 MHz)	132322 (1745.0 MHz)	132657 (1778.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	19.74	19.20	19.24	0	0
	1	7	19.86	19.31	19.33		0
	1	14	19.65	19.23	19.20		0
	8	0	19.78	19.35	19.38	0-1	0
	8	4	19.72	19.45	19.46		0
	8	7	19.72	19.36	19.35		0
	15	0	19.72	19.41	19.40		0
16QAM	1	0	19.95	19.21	19.23	0-1	0
	1	7	20.00	19.53	19.33		0
	1	14	19.78	19.35	19.37		0
	8	0	19.82	19.23	19.25	0-2	0
	8	4	19.75	19.28	19.32		0
	8	7	19.75	19.27	19.31		0
	15	0	19.77	19.27	19.36		0
64QAM	1	0	19.72	19.52	19.29	0-2	0
	1	7	19.87	19.29	19.59		0
	1	14	19.73	19.15	19.42		0
	8	0	19.70	19.29	19.19	0-3	0
	8	4	19.75	19.36	19.27		0
	8	7	19.70	19.31	19.32		0
	15	0	19.77	19.22	19.28		0
256QAM	1	0	19.76	19.01	19.34	0-5	0
	1	7	19.95	19.39	19.34		0
	1	14	19.76	19.31	19.41		0
	8	0	19.78	19.29	19.27		0
	8	4	19.83	19.27	19.38		0
	8	7	19.64	19.15	19.26		0
	15	0	19.73	19.26	19.24		0

Table H-42
LTE Band 66 (AWS) Antenna A Measured P_{Limit} for DSI = 3 (Hotspot Mode) – 1.4 MHz Bandwidth

LTE Band 66 (AWS) 1.4 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			131979 (1710.7 MHz)	132322 (1745.0 MHz)	132665 (1779.3 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	19.79	19.24	19.46	0	0
	1	2	19.75	19.28	19.48		0
	1	5	19.82	19.28	19.51		0
	3	0	19.77	19.40	19.38		0
	3	2	19.85	19.32	19.32		0
	3	3	19.84	19.30	19.38		0
	6	0	19.76	19.38	19.38	0-1	0
16QAM	1	0	19.83	19.67	19.39	0-1	0
	1	2	20.00	19.58	19.38		0
	1	5	19.74	19.47	19.17		0
	3	0	19.77	19.32	19.33		0
	3	2	19.81	19.29	19.40		0
	3	3	19.88	19.42	19.31	0	
64QAM	6	0	19.80	19.32	19.34	0-2	0
	1	0	19.86	19.28	19.07	0-2	0
	1	2	19.90	19.52	19.30		0
	1	5	20.09	19.34	19.25		0
	3	0	19.86	19.20	19.39		0
	3	2	19.84	19.22	19.42		0
	3	3	19.81	19.18	19.28		0
	6	0	19.78	19.15	19.32	0-3	0
256QAM	1	0	19.95	19.30	19.49	0-5	0
	1	2	20.03	19.28	19.43		0
	1	5	19.85	19.15	19.18		0
	3	0	19.82	19.35	19.23		0
	3	2	19.76	19.44	19.24		0
	3	3	19.79	19.35	19.22		0
6	0	19.74	19.18	19.18		0	

FCC ID: A3LSMF731U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 22 of 188

H.1.8 LTE Band 66 Antenna I

Table H-43
LTE Band 66 (AWS) Antenna I Measured P_{Limit} for DSI = 0 (Body-worn or Phablet), or DSI = 4 (Earjack Active) – 15 MHz Bandwidth

LTE Band 66 (AWS) 15 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			132047 (1717.5 MHz)	132322 (1745.0 MHz)	132597 (1772.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	20.83	20.59	20.62	0	0
	1	36	20.75	20.57	20.71		0
	1	74	20.83	20.63	20.72		0
	36	0	20.82	20.55	20.78	0-1	0
	36	18	20.88	20.59	20.80		0
	36	37	20.84	20.59	20.84		0
	75	0	20.90	20.60	20.82		0
16QAM	1	0	21.01	20.90	20.93	0-1	0
	1	36	21.03	20.81	21.05		0
	1	74	21.04	20.92	21.05		0
	36	0	20.83	20.55	20.73	0-2	0
	36	18	20.85	20.60	20.76		0
	36	37	20.85	20.60	20.84		0
	75	0	20.85	20.61	20.81		0
64QAM	1	0	21.02	20.69	20.83	0-2	0
	1	36	21.04	20.77	20.87		0
	1	74	21.01	20.85	20.98		0
	36	0	20.84	20.53	20.76	0-3	0
	36	18	20.87	20.57	20.76		0
	36	37	20.87	20.62	20.84		0
	75	0	20.84	20.58	20.83		0
256QAM	1	0	19.47	19.29	19.41	0-5	1
	1	36	19.40	19.27	19.50		1
	1	74	19.42	19.31	19.55		1
	36	0	19.41	19.12	19.34		1
	36	18	19.45	19.17	19.31		1
	36	37	19.41	19.15	19.38		1
	75	0	19.47	19.17	19.43		1

Table H-44
LTE Band 66 (AWS) Antenna I Measured P_{Limit} for DSI = 0 (Body-worn or Phablet), or DSI = 4 (Earjack Active) – 5 MHz Bandwidth

LTE Band 66 (AWS) 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			131997 (1712.5 MHz)	132322 (1745.0 MHz)	132647 (1777.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	21.05	20.73	20.86	0	0
	1	12	21.01	20.83	21.01		0
	1	24	21.03	20.74	20.92		0
	12	0	21.09	20.65	20.90	0-1	0
	12	6	21.08	20.76	21.01		0
	12	13	21.03	20.71	20.98		0
	25	0	21.04	20.73	20.98		0
16QAM	1	0	21.07	20.97	20.98	0-1	0
	1	12	21.05	21.01	21.02		0
	1	24	21.06	20.95	21.05		0
	12	0	21.07	20.65	20.91	0-2	0
	12	6	21.09	20.78	21.02		0
	12	13	21.05	20.73	21.00		0
	25	0	21.03	20.73	20.96		0
64QAM	1	0	21.00	20.82	21.05	0-2	0
	1	12	21.01	20.95	21.04		0
	1	24	21.07	20.85	21.06		0
	12	0	21.05	20.65	20.90	0-3	0
	12	6	21.07	20.76	20.98		0
	12	13	21.02	20.70	20.96		0
	25	0	21.01	20.71	20.99		0
256QAM	1	0	19.76	19.47	19.55	0-5	1
	1	12	19.75	19.47	19.72		1
	1	24	19.70	19.42	19.57		1
	12	0	19.62	19.22	19.51		1
	12	6	19.69	19.32	19.59		1
	12	13	19.63	19.31	19.55		1
	25	0	19.61	19.30	19.61		1

FCC ID: A3LSMF731U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 23 of 188

Table H-45
LTE Band 66 (AWS) Antenna I Measured P_{Limit} for DSI = 0 (Body-worn or Phablet), or DSI = 4 (Earjack Active) – 3 MHz Bandwidth

LTE Band 66 (AWS) 3 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			131987 (1711.5 MHz)	132322 (1745.0 MHz)	132657 (1778.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	20.99	20.64	20.83	0	0
	1	7	20.90	20.64	20.99		0
	1	14	20.86	20.65	20.83		0
	8	0	21.03	20.72	20.89	0-1	0
	8	4	21.07	20.71	21.01		0
	8	7	21.01	20.69	21.00		0
	15	0	21.02	20.70	20.89		0
16QAM	1	0	20.98	20.82	20.98	0-1	0
	1	7	21.02	20.95	21.06		0
	1	14	21.07	20.86	21.07		0
	8	0	21.07	20.75	20.95	0-2	0
	8	4	21.12	20.76	21.06		0
	8	7	21.05	20.72	21.03		0
	15	0	21.08	20.72	20.92		0
64QAM	1	0	21.00	20.77	21.06	0-2	0
	1	7	21.01	20.92	21.04		0
	1	14	20.98	20.75	21.01		0
	8	0	21.08	20.68	20.97	0-3	0
	8	4	21.11	20.72	21.11		0
	8	7	21.07	20.73	21.04		0
	15	0	21.05	20.73	20.90		0
256QAM	1	0	19.69	19.33	19.62	0-5	1
	1	7	19.75	19.38	19.67		1
	1	14	19.62	19.37	19.63		1
	8	0	19.61	19.32	19.51		1
	8	4	19.68	19.37	19.66		1
	8	7	19.63	19.34	19.57		1
	15	0	19.63	19.26	19.53		1

Table H-46
LTE Band 66 (AWS) Antenna I Measured P_{Limit} for DSI = 0 (Body-worn or Phablet), or DSI = 4 (Earjack Active) – 1.4 MHz Bandwidth

LTE Band 66 (AWS) 1.4 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			131979 (1710.7 MHz)	132322 (1745.0 MHz)	132665 (1779.3 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	21.06	20.61	21.04	0	0
	1	2	21.00	20.72	21.06		0
	1	5	21.06	20.67	21.03		0
	3	0	21.05	20.71	21.01		0
	3	2	21.04	20.72	20.98		0
	3	3	21.05	20.69	21.00		0
	6	0	21.02	20.66	20.95	0-1	0
16QAM	1	0	21.05	20.77	21.03	0-1	0
	1	2	21.03	20.86	21.07		0
	1	5	21.07	20.75	21.02		0
	3	0	21.14	20.78	21.11		0
	3	2	21.16	20.78	21.09		0
	3	3	21.19	20.80	21.09		0
	6	0	21.04	20.75	21.03	0-2	0
64QAM	1	0	21.05	20.76	21.04	0-2	0
	1	2	21.07	20.79	21.02		0
	1	5	20.98	20.82	21.07		0
	3	0	21.03	20.76	21.06		0
	3	2	21.03	20.76	21.03		0
	3	3	21.05	20.73	21.07		0
	6	0	21.04	20.73	20.95	0-3	0
256QAM	1	0	19.72	19.30	19.68	0-5	1
	1	2	19.78	19.41	19.82		1
	1	5	19.74	19.24	19.68		1
	3	0	19.62	19.33	19.68		1
	3	2	19.57	19.31	19.64		1
	3	3	19.60	19.37	19.73		1
	6	0	19.57	19.32	19.55		1

FCC ID: A3LSMF731U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 24 of 188

Table H-47

LTE Band 66 (AWS) Antenna I Measured P_{Limit} for DSI = 3 (Hotspot Mode) – 15 MHz Bandwidth

LTE Band 66 (AWS) 15 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			132047 (1717.5 MHz)	132322 (1745.0 MHz)	132597 (1772.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	17.30	17.06	17.07	0	0
	1	36	17.24	17.10	17.12		0
	1	74	17.08	17.07	17.09		0
	36	0	17.36	17.03	17.21	0-1	0
	36	18	17.33	17.11	17.25		0
	36	37	17.27	17.06	17.28		0
	75	0	17.31	17.08	17.17		0
16QAM	1	0	17.49	17.29	17.27	0-1	0
	1	36	17.61	17.26	17.42		0
	1	74	17.49	17.27	17.22		0
	36	0	17.37	17.01	17.20	0-2	0
	36	18	17.34	17.15	17.27		0
	36	37	17.29	17.08	17.30		0
	75	0	17.31	17.09	17.18		0
64QAM	1	0	17.40	17.16	17.37	0-2	0
	1	36	17.60	17.28	17.52		0
	1	74	17.37	17.34	17.38		0
	36	0	17.29	17.05	17.19	0-3	0
	36	18	17.34	17.11	17.25		0
	36	37	17.27	17.08	17.26		0
	75	0	17.33	17.08	17.17		0
256QAM	1	0	17.44	16.76	17.21	0-5	0
	1	36	17.29	16.99	17.33		0
	1	74	17.34	17.05	17.46		0
	36	0	17.23	16.96	17.16		0
	36	18	17.27	16.99	17.17		0
	36	37	17.24	16.96	17.18		0
	75	0	17.26	17.03	17.17		0

Table H-48

LTE Band 66 (AWS) Antenna I Measured P_{Limit} for DSI = 3 (Hotspot Mode) – 5 MHz Bandwidth

LTE Band 66 (AWS) 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			131997 (1712.5 MHz)	132322 (1745.0 MHz)	132647 (1777.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	17.48	17.30	17.31	0	0
	1	12	17.55	17.44	17.41		0
	1	24	17.47	17.18	17.30		0
	12	0	17.49	17.18	17.35	0-1	0
	12	6	17.52	17.24	17.51		0
	12	13	17.48	17.13	17.41		0
	25	0	17.49	17.14	17.42		0
16QAM	1	0	17.78	17.41	17.41	0-1	0
	1	12	17.75	17.31	17.74		0
	1	24	17.78	17.28	17.69		0
	12	0	17.51	17.19	17.34	0-2	0
	12	6	17.51	17.28	17.55		0
	12	13	17.49	17.23	17.43		0
	25	0	17.50	17.17	17.47		0
64QAM	1	0	17.67	17.30	17.51	0-2	0
	1	12	17.55	17.50	17.64		0
	1	24	17.38	17.42	17.66		0
	12	0	17.44	17.15	17.41	0-3	0
	12	6	17.49	17.17	17.51		0
	12	13	17.51	17.11	17.44		0
	25	0	17.45	17.19	17.43		0
256QAM	1	0	17.54	17.18	17.56	0-5	0
	1	12	17.65	17.44	17.55		0
	1	24	17.60	17.33	17.51		0
	12	0	17.53	17.11	17.31		0
	12	6	17.49	17.19	17.41		0
	12	13	17.44	17.13	17.40		0
	25	0	17.41	17.12	17.38		0

FCC ID: A3LSMF731U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 25 of 188

Table H-49
LTE Band 66 (AWS) Antenna I Measured P_{Limit} for DSI = 3 (Hotspot Mode) – 3 MHz Bandwidth

LTE Band 66 (AWS) 3 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			131987 (1711.5 MHz)	132322 (1745.0 MHz)	132657 (1778.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	17.45	17.10	17.31	0	0
	1	7	17.51	17.08	17.38		0
	1	14	17.38	17.00	17.28		0
	8	0	17.47	17.19	17.38	0-1	0
	8	4	17.51	17.21	17.48		0
	8	7	17.48	17.17	17.42		0
	15	0	17.48	17.13	17.37		0
16QAM	1	0	17.75	17.30	17.62	0-1	0
	1	7	17.73	17.44	17.56		0
	1	14	17.62	17.13	17.49		0
	8	0	17.51	17.22	17.36	0-2	0
	8	4	17.51	17.24	17.55		0
	8	7	17.54	17.26	17.45		0
	15	0	17.47	17.13	17.44		0
64QAM	1	0	17.64	17.40	17.44	0-2	0
	1	7	17.54	17.45	17.76		0
	1	14	17.57	17.36	17.38		0
	8	0	17.51	17.19	17.48	0-3	0
	8	4	17.44	17.21	17.60		0
	8	7	17.44	17.16	17.50		0
	15	0	17.51	17.17	17.42		0
256QAM	1	0	17.55	17.35	17.51	0-5	0
	1	7	17.63	17.40	17.59		0
	1	14	17.49	17.35	17.44		0
	8	0	17.34	17.18	17.40		0
	8	4	17.47	17.16	17.43		0
	8	7	17.35	17.20	17.52		0
	15	0	17.45	17.16	17.30		0

Table H-50
LTE Band 66 (AWS) Antenna I Measured P_{Limit} for DSI = 3 (Hotspot Mode) – 1.4 MHz Bandwidth

LTE Band 66 (AWS) 1.4 MHz Bandwidth								
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]	
			131979 (1710.7 MHz)	132322 (1745.0 MHz)	132665 (1779.3 MHz)			
			Conducted Power [dBm]					
QPSK	1	0	17.47	17.05	17.51	0	0	
	1	2	17.52	17.07	17.56		0	
	1	5	17.42	17.00	17.53		0	
	3	0	17.41	17.20	17.46		0	
	3	2	17.46	17.15	17.46		0	
	3	3	17.47	17.13	17.39		0	
	6	0	17.48	17.09	17.41		0	
16QAM	1	0	17.54	17.51	17.48	0-1	0	
	1	2	17.78	17.29	17.59		0	
	1	5	17.56	17.50	17.49		0	
	3	0	17.55	17.29	17.61		0	
	3	2	17.57	17.27	17.68		0	
	3	3	17.56	17.28	17.52		0	
64QAM	1	0	17.48	17.20	17.47	0-2	0	
	1	0	17.62	17.28	17.62		0	
	1	2	17.58	17.19	17.71		0	
	1	5	17.55	17.40	17.50		0	
	3	0	17.50	17.18	17.52		0	
	3	2	17.53	17.25	17.62		0	
	3	3	17.50	17.23	17.53		0	
256QAM	6	0	17.58	17.16	17.36	0-3	0	
	1	0	17.49	17.08	17.51		0-5	0
	1	2	17.49	17.08	17.60			0
	1	5	17.54	17.09	17.51			0
	3	0	17.53	17.22	17.35			0
	3	2	17.49	17.20	17.39			0
	3	3	17.52	17.09	17.33			0
	6	0	17.39	17.12	17.36	0		

FCC ID: A3LSMF731U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 26 of 188

H.1.9 LTE Band 25 Antenna A

Table H-51

LTE Band 25 (PCS) Antenna A Measured P_{Max} for DSI = 2 (Head) – 15 MHz Bandwidth

LTE Band 25 (PCS) 15 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26115 (1857.5 MHz)	26365 (1882.5 MHz)	26615 (1907.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	24.83	24.86	24.89	0	0
	1	36	24.65	24.79	24.77		0
	1	74	24.81	24.91	24.83		0
	36	0	23.71	23.67	23.88	0-1	1
	36	18	23.69	23.77	23.87		1
	36	37	23.77	23.80	23.96		1
16QAM	75	0	23.61	23.78	23.88	0-1	1
	1	0	23.83	24.18	23.87		1
	1	36	23.85	23.71	23.94		1
	1	74	23.96	23.80	24.10	0-2	1
	36	0	22.76	22.77	22.93		2
	36	18	22.68	22.73	22.92		2
64QAM	36	37	22.73	22.78	22.95	0-2	2
	75	0	22.72	22.74	22.93		2
	1	0	22.66	22.92	22.91	0-2	2
	1	36	22.79	22.75	22.90		2
	1	74	22.99	22.90	22.94		2
	36	0	21.73	21.74	21.90	0-3	3
36	18	21.65	21.76	21.93	3		
36	37	21.82	21.84	21.97	3		
256QAM	75	0	21.76	21.78	22.00	0-5	3
	1	0	19.61	19.83	19.95		5
	1	36	19.88	19.83	20.10		5
	1	74	19.83	19.72	19.91		5
	36	0	19.68	19.77	19.91		5
	36	18	19.65	19.73	19.91		5
	36	37	19.65	19.76	19.92		5
	75	0	19.70	19.76	19.88		5

Table H-52

LTE Band 25 (PCS) Antenna A Measured P_{Max} for DSI = 2 (Head) – 10 MHz Bandwidth

LTE Band 25 (PCS) 10 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26090 (1855.0 MHz)	26365 (1882.5 MHz)	26640 (1910.0 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	24.69	24.68	25.06	0	0
	1	25	24.83	24.81	25.04		0
	1	49	24.76	24.83	25.06		0
	25	0	23.88	23.86	24.04	0-1	1
	25	12	23.81	23.90	24.16		1
	25	25	23.90	23.92	24.04		1
16QAM	50	0	23.82	23.86	24.10	0-1	1
	1	0	23.99	24.03	24.38		1
	1	25	24.19	24.06	24.22	0-1	1
	1	49	24.27	23.94	24.32		1
	25	0	22.87	22.88	23.06	0-2	2
	25	12	22.92	22.93	23.11		2
25	25	22.85	22.97	23.14	2		
64QAM	50	0	22.83	22.84	23.10	0-2	2
	1	0	22.92	22.94	23.21		2
	1	25	22.98	23.02	23.29	0-2	2
	1	49	22.97	23.11	23.31		2
	25	0	21.92	21.92	22.06	0-3	3
	25	12	21.85	21.89	22.14		3
25	25	21.85	21.89	22.16	3		
256QAM	50	0	21.78	21.89	22.10	0-5	3
	1	0	19.78	19.79	20.04		5
	1	25	19.98	20.08	20.27		5
	1	49	19.98	20.03	20.17		5
	25	0	19.81	19.84	20.06		5
	25	12	19.90	19.85	20.14		5
25	25	19.85	19.91	20.15	5		
50	0	19.78	19.87	20.06	5		

FCC ID: A3LSMF731U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 27 of 188

Table H-53
LTE Band 25 (PCS) Antenna A Measured P_{Max} for DSI = 2 (Head) – 5 MHz Bandwidth

LTE Band 25 (PCS) 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26065 (1852.5 MHz)	26365 (1882.5 MHz)	26665 (1912.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	24.69	24.79	24.94	0	0
	1	12	25.02	24.93	25.12		0
	1	24	24.77	24.90	25.06		0
	12	0	23.88	23.94	24.09	0-1	1
	12	6	23.93	23.92	24.10		1
	12	13	23.89	23.87	24.13		1
16QAM	25	0	23.91	23.86	24.11	0-1	1
	1	0	24.02	24.10	24.26		1
	1	12	24.14	24.27	24.25		1
	1	24	24.24	24.16	24.23	0-2	1
	12	0	22.99	22.90	23.07		2
	12	6	23.01	22.99	23.10		2
64QAM	12	13	22.96	22.91	23.15	0-2	2
	25	0	22.94	22.91	23.15		2
	1	0	22.93	22.91	23.22		0-2
	1	12	23.02	23.11	23.23	2	
	1	24	23.02	23.08	23.33	2	
	12	0	21.88	21.88	22.13	0-3	3
12	6	21.92	21.91	22.20	3		
12	13	21.97	21.93	22.21	3		
256QAM	25	0	21.94	21.86	22.12	0-5	3
	1	0	20.07	19.89	20.15		5
	1	12	19.87	20.07	20.15		5
	1	24	19.99	19.98	20.22		5
	12	0	19.86	19.84	20.14		5
	12	6	19.97	19.92	20.17		5
	12	13	19.90	19.85	20.19		5

Table H-54
LTE Band 25 (PCS) Antenna A Measured P_{Max} for DSI = 2 (Head) – 3 MHz Bandwidth

LTE Band 25 (PCS) 3 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26055 (1851.5 MHz)	26365 (1882.5 MHz)	26675 (1913.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	24.77	24.88	25.00	0	0
	1	7	24.96	24.97	25.06		0
	1	14	24.85	24.87	25.04		0
	8	0	23.88	23.89	24.13	0-1	1
	8	4	23.96	23.96	24.18		1
	8	7	23.95	23.94	24.17		1
16QAM	15	0	23.93	23.85	24.14	0-1	1
	1	0	24.09	24.20	24.21		1
	1	7	24.05	24.10	24.43		1
	1	14	24.12	24.31	24.40	0-2	1
	8	0	23.00	23.01	23.17		2
	8	4	22.97	22.98	23.20		2
64QAM	8	7	22.95	22.96	23.15	0-2	2
	15	0	22.88	22.94	23.08		2
	1	0	23.09	22.91	23.13	0-2	2
	1	7	23.06	23.09	23.34		2
	1	14	23.15	23.05	23.22		2
	256QAM	8	0	21.99	21.96	22.13	0-3
8		4	21.97	22.00	22.16	3	
8		7	21.93	21.89	22.17	3	
15		0	21.95	21.92	22.15	0-5	3
1		0	19.98	19.78	20.03		5
1		7	20.08	20.02	20.23		5
1	14	19.93	19.90	20.23	5		
8	0	19.87	19.83	20.12	5		
8	4	19.93	19.93	20.19	5		
256QAM	8	7	19.95	19.94	20.21	0-5	5
	15	0	19.92	19.86	20.19		5

FCC ID: A3LSMF731U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 28 of 188

Table H-55
LTE Band 25 (PCS) Antenna A Measured P_{Max} for DSI = 2 (Head) – 1.4 MHz Bandwidth

LTE Band 25 (PCS) 1.4 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26047 (1850.7 MHz)	26365 (1882.5 MHz)	26683 (1914.3 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	24.66	24.90	25.00	0	0
	1	2	24.92	24.97	25.08		0
	1	5	24.97	24.87	25.04		0
	3	0	24.91	24.92	25.11		0
	3	2	24.93	24.90	25.05		0
	3	3	24.90	24.94	25.08		0
	6	0	23.94	23.88	24.15		0-1
16QAM	1	0	24.01	24.12	24.19	0-1	1
	1	2	24.22	24.18	24.38		1
	1	5	24.15	24.28	24.52		1
	3	0	24.11	24.00	24.19		1
	3	2	24.02	23.93	24.18		1
	3	3	24.06	23.93	24.26		1
	6	0	23.06	22.98	23.15		0-2
64QAM	1	0	23.13	22.98	23.35	0-2	2
	1	2	23.13	23.12	23.34		2
	1	5	23.10	22.97	23.32		2
	3	0	23.01	22.99	23.17		2
	3	2	22.97	23.07	23.24		2
	3	3	22.94	23.01	23.26		2
	6	0	21.92	21.91	22.09		0-3
256QAM	1	0	20.03	19.99	20.15	0-5	5
	1	2	20.04	19.97	20.17		5
	1	5	19.96	20.02	20.19		5
	3	0	19.98	19.92	20.26		5
	3	2	19.91	19.94	20.15		5
	3	3	19.99	19.86	20.06		5
	6	0	19.86	19.91	20.11		5

Table H-56
LTE Band 25 (PCS) Antenna A Measured P_{Limit} for DSI = 0 (Body-worn or Phablet), or DSI = 4 (Earjack Active) - 15 MHz Bandwidth

LTE Band 25 (PCS) 15 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26115 (1857.5 MHz)	26365 (1882.5 MHz)	26615 (1907.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	22.07	22.11	22.10	0	0
	1	36	21.93	22.06	22.21		0
	1	74	22.00	21.97	22.28		0
	36	0	21.98	22.04	22.15	0-1	0
	36	18	22.00	22.02	22.15		0
	36	37	21.95	22.06	22.19		0
	75	0	21.96	22.02	22.18		0
16QAM	1	0	22.01	22.07	22.25	0-1	0
	1	36	22.16	22.24	22.29		0
	1	74	22.29	22.35	22.29		0
	36	0	22.06	21.98	22.19	0-2	0
	36	18	21.98	22.04	22.20		0
	36	37	21.98	22.08	22.30		0
	75	0	21.97	22.00	22.23		0
64QAM	1	0	22.13	22.00	22.18	0-2	0
	1	36	22.10	22.14	22.24		0
	1	74	22.35	22.25	22.29		0
	36	0	22.01	22.04	22.20	0-3	0
	36	18	21.99	22.00	22.17		0
	36	37	22.02	22.08	22.27		0
	75	0	22.04	22.06	22.22		0
256QAM	1	0	20.14	20.05	19.98	0-5	2
	1	36	20.08	20.04	20.10		2
	1	74	20.18	20.21	20.37		2
	36	0	20.00	20.00	20.10		2
	36	18	20.03	20.04	20.18		2
	36	37	19.96	20.08	20.28		2
	75	0	20.02	20.02	20.21		2

FCC ID: A3LSMF731U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 29 of 188

Table H-57
LTE Band 25 (PCS) Antenna A Measured P_{Limit} for DSI = 0 (Body-worn or Phablet), or DSI = 4 (Earjack Active) - 10 MHz Bandwidth

LTE Band 25 (PCS) 10 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26090 (1855.0 MHz)	26365 (1882.5 MHz)	26640 (1910.0 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	22.05	22.05	22.29	0	0
	1	25	22.17	22.21	22.33		0
	1	49	22.15	22.17	22.39		0
	25	0	22.15	22.18	22.28	0-1	0
	25	12	22.12	22.21	22.39		0
	25	25	22.13	22.18	22.37		0
	50	0	22.09	22.19	22.34		0
16QAM	1	0	22.28	22.20	22.45	0-1	0
	1	25	22.38	22.43	22.54		0
	1	49	22.42	22.48	22.53		0
	25	0	22.16	22.19	22.38	0-2	0
	25	12	22.13	22.25	22.43		0
	25	25	22.20	22.22	22.40		0
	50	0	22.15	22.20	22.39		0
64QAM	1	0	22.35	22.22	22.48	0-2	0
	1	25	22.44	22.40	22.65		0
	1	49	22.22	22.30	22.48		0
	25	0	22.17	22.19	22.38	0-3	0
	25	12	22.17	22.22	22.40		0
	25	25	22.14	22.18	22.44		0
	50	0	22.14	22.22	22.45		0
256QAM	1	0	20.22	20.19	20.31	0-5	2
	1	25	20.36	20.43	20.51		2
	1	49	20.09	20.37	20.45		2
	25	0	20.19	20.18	20.44		2
	25	12	20.16	20.22	20.42		2
	25	25	20.16	20.27	20.44		2
	50	0	20.16	20.14	20.43		2

Table H-58
LTE Band 25 (PCS) Antenna A Measured P_{Limit} for DSI = 0 (Body-worn or Phablet), or DSI = 4 (Earjack Active) - 5 MHz Bandwidth

LTE Band 25 (PCS) 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26065 (1852.5 MHz)	26365 (1882.5 MHz)	26665 (1912.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	22.03	22.04	22.27	0	0
	1	12	22.18	22.22	22.32		0
	1	24	22.10	22.09	22.28		0
	12	0	22.06	22.13	22.36	0-1	0
	12	6	22.16	22.16	22.39		0
	12	13	22.16	22.19	22.39		0
	25	0	22.12	22.15	22.35		0
16QAM	1	0	22.24	22.34	22.67	0-1	0
	1	12	22.30	22.31	22.68		0
	1	24	22.39	22.36	22.69		0
	12	0	22.12	22.17	22.41	0-2	0
	12	6	22.21	22.19	22.43		0
	12	13	22.19	22.25	22.43		0
	25	0	22.16	22.15	22.37		0
64QAM	1	0	22.31	22.35	22.58	0-2	0
	1	12	22.25	22.43	22.63		0
	1	24	22.32	22.46	22.45		0
	12	0	22.16	22.20	22.42	0-3	0
	12	6	22.18	22.19	22.43		0
	12	13	22.21	22.20	22.41		0
	25	0	22.15	22.16	22.38		0
256QAM	1	0	20.28	20.16	20.44	0-5	2
	1	12	20.27	20.17	20.46		2
	1	24	20.18	20.27	20.40		2
	12	0	20.12	20.18	20.36		2
	12	6	20.13	20.19	20.45		2
	12	13	20.19	20.18	20.40		2
	25	0	20.14	20.12	20.39		2

FCC ID: A3LSMF731U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 30 of 188

Table H-59
LTE Band 25 (PCS) Antenna A Measured P_{Limit} for DSI = 0 (Body-worn or Phablet), or DSI = 4 (Earjack Active) - 3 MHz Bandwidth

LTE Band 25 (PCS) 3 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26055 (1851.5 MHz)	26365 (1882.5 MHz)	26675 (1913.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	21.98	22.01	22.29	0	0
	1	7	22.13	22.09	22.33		0
	1	14	22.04	22.08	22.30		0
	8	0	22.10	22.13	22.33	0-1	0
	8	4	22.12	22.16	22.37		0
	8	7	22.12	22.17	22.38		0
16QAM	15	0	22.11	22.11	22.38	0-1	0
	1	0	22.31	22.17	22.43		0
	1	7	22.34	22.28	22.52		0
	1	14	22.35	22.30	22.61	0-2	0
	8	0	22.15	22.16	22.39		0
	8	4	22.24	22.18	22.41		0
64QAM	8	7	22.17	22.21	22.39	0-2	0
	15	0	22.19	22.18	22.40		0
	1	0	22.17	22.22	22.36	0-2	0
	1	7	22.29	22.35	22.66		0
	1	14	22.15	22.21	22.49		0
	256QAM	8	0	22.17	22.19	22.36	0-3
8		4	22.23	22.22	22.42	0	
8		7	22.20	22.21	22.40	0	
15		0	22.15	22.19	22.40	0-5	0
1		0	20.15	20.14	20.32		2
1		7	20.28	20.30	20.55		2
1	14	20.22	20.13	20.41	2		
8	0	20.14	20.17	20.35	2		
8	4	20.18	20.19	20.47	2		
256QAM	8	7	20.12	20.18	20.41	2	
	15	0	20.18	20.16	20.33	2	

Table H-60
LTE Band 25 (PCS) Antenna A Measured P_{Limit} for DSI = 0 (Body-worn or Phablet), or DSI = 4 (Earjack Active) – 1.4 MHz Bandwidth

LTE Band 25 (PCS) 1.4 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26047 (1850.7 MHz)	26365 (1882.5 MHz)	26683 (1914.3 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	22.02	22.06	22.18	0	0
	1	2	22.07	22.08	22.24		0
	1	5	22.10	22.10	22.34		0
	3	0	22.05	22.04	22.30		0
	3	2	22.08	22.09	22.28		0
	3	3	22.14	22.08	22.31		0
16QAM	6	0	22.10	22.10	22.26	0-1	0
	1	0	22.27	22.33	22.57		0
	1	2	22.31	22.22	22.58	0-1	0
	1	5	22.38	22.30	22.59		0
	3	0	22.15	22.17	22.41		0
	3	2	22.17	22.16	22.45		0
	3	3	22.18	22.25	22.35		0
	6	0	22.14	22.16	22.43		0
64QAM	1	0	22.22	22.37	22.43	0-2	0
	1	2	22.28	22.35	22.44		0
	1	5	22.33	22.13	22.46		0
	3	0	22.19	22.22	22.51		0
	3	2	22.20	22.18	22.44		0
	3	3	22.14	22.23	22.47		0
	6	0	22.13	22.11	22.34	0-3	0
256QAM	1	0	20.12	20.23	20.43	0-5	2
	1	2	20.13	20.26	20.43		2
	1	5	20.15	20.16	20.42		2
	3	0	20.12	20.13	20.41		2
	3	2	20.18	20.13	20.39		2
	3	3	20.15	20.17	20.40		2
	6	0	20.06	20.10	20.35		2

FCC ID: A3LSMF731U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 31 of 188

Table H-61
LTE Band 25 (PCS) Antenna A Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 15 MHz Bandwidth

LTE Band 25 (PCS) 15 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26115 (1857.5 MHz)	26365 (1882.5 MHz)	26615 (1907.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	18.84	18.74	19.05	0	0
	1	36	18.89	19.02	19.14		0
	1	74	19.00	19.01	19.21		0
	36	0	18.90	18.93	19.13	0-1	0
	36	18	18.91	18.94	19.12		0
	36	37	18.84	18.99	19.19		0
	75	0	18.87	18.96	19.15		0
16QAM	1	0	18.94	19.05	19.12	0-1	0
	1	36	18.97	19.07	19.32		0
	1	74	19.23	19.07	19.29		0
	36	0	18.85	18.88	19.13	0-2	0
	36	18	18.91	18.89	19.10		0
	36	37	18.88	18.95	19.12		0
	75	0	18.79	18.94	19.18		0
64QAM	1	0	18.90	18.94	19.09	0-2	0
	1	36	18.99	18.91	19.11		0
	1	74	19.04	19.00	18.96		0
	36	0	18.81	18.88	18.93	0-3	0
	36	18	18.76	18.82	19.00		0
	36	37	18.81	18.88	19.04		0
	75	0	18.82	18.86	19.04		0
256QAM	1	0	18.91	18.90	18.85	0-5	0
	1	36	19.03	18.94	19.00		0
	1	74	18.78	18.94	19.11		0
	36	0	18.82	18.82	18.99		0
	36	18	18.79	18.86	18.95		0
	36	37	18.80	18.88	19.03		0
	75	0	18.78	18.79	19.01		0

Table H-62
LTE Band 25 (PCS) Antenna A Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 10 MHz Bandwidth

LTE Band 25 (PCS) 10 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26090 (1855.0 MHz)	26365 (1882.5 MHz)	26640 (1910.0 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	19.00	19.07	19.22	0	0
	1	25	19.11	19.20	19.27		0
	1	49	19.01	19.15	19.31		0
	25	0	19.07	19.12	19.26	0-1	0
	25	12	19.01	19.16	19.35		0
	25	25	19.05	19.13	19.33		0
	50	0	18.99	19.09	19.34		0
16QAM	1	0	19.19	19.31	19.44	0-1	0
	1	25	19.26	19.26	19.55		0
	1	49	19.31	19.30	19.49		0
	25	0	19.09	19.09	19.33	0-2	0
	25	12	19.04	19.15	19.39		0
	25	25	19.00	19.17	19.35		0
	50	0	18.99	19.15	19.33		0
64QAM	1	0	19.01	19.08	19.15	0-2	0
	1	25	19.13	19.16	19.35		0
	1	49	19.11	19.11	19.35		0
	25	0	18.97	18.99	19.18	0-3	0
	25	12	18.92	19.06	19.19		0
	25	25	18.91	19.05	19.24		0
	50	0	18.91	19.06	19.23		0
256QAM	1	0	19.00	19.09	19.18	0-5	0
	1	25	19.12	19.09	19.35		0
	1	49	18.95	19.08	19.24		0
	25	0	18.97	19.02	19.15		0
	25	12	18.95	19.06	19.21		0
	25	25	18.96	19.04	19.19		0
	50	0	18.95	19.00	19.24		0

FCC ID: A3LSMF731U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 32 of 188

Table H-63
LTE Band 25 (PCS) Antenna A Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 5 MHz Bandwidth

LTE Band 25 (PCS) 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26065 (1852.5 MHz)	26365 (1882.5 MHz)	26665 (1912.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	19.04	18.97	19.26	0	0
	1	12	19.01	19.09	19.33		0
	1	24	19.03	19.14	19.34		0
	12	0	19.06	19.11	19.32	0-1	0
	12	6	19.10	19.12	19.35		0
	12	13	19.07	19.13	19.32		0
	25	0	19.06	19.11	19.30		0
16QAM	1	0	19.15	19.27	19.48	0-1	0
	1	12	19.23	19.34	19.55		0
	1	24	19.52	19.33	19.50		0
	12	0	19.12	19.11	19.33	0-2	0
	12	6	19.15	19.22	19.42		0
	12	13	19.20	19.16	19.37		0
	25	0	19.04	19.13	19.32		0
64QAM	1	0	19.03	19.01	19.28	0-2	0
	1	12	19.13	19.22	19.42		0
	1	24	19.02	19.08	19.31		0
	12	0	18.99	18.99	19.18	0-3	0
	12	6	19.04	19.05	19.23		0
	12	13	19.01	19.05	19.27		0
	25	0	19.02	18.98	19.17		0
256QAM	1	0	18.97	18.98	19.22	0-5	0
	1	12	19.08	19.10	19.37		0
	1	24	18.99	19.04	19.15		0
	12	0	19.04	18.96	19.11		0
	12	6	19.07	19.09	19.27		0
	12	13	19.03	19.04	19.23		0
	25	0	18.99	19.00	19.15		0

Table H-64
LTE Band 25 (PCS) Antenna A Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 3 MHz Bandwidth

LTE Band 25 (PCS) 3 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26055 (1851.5 MHz)	26365 (1882.5 MHz)	26675 (1913.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	18.94	19.01	19.23	0	0
	1	7	19.03	19.07	19.34		0
	1	14	19.02	19.03	19.30		0
	8	0	19.05	19.11	19.31	0-1	0
	8	4	19.06	19.14	19.34		0
	8	7	19.07	19.06	19.31		0
	15	0	19.01	19.07	19.29		0
16QAM	1	0	19.22	19.25	19.55	0-1	0
	1	7	19.27	19.28	19.56		0
	1	14	19.20	19.26	19.54		0
	8	0	19.10	19.13	19.39	0-2	0
	8	4	19.07	19.17	19.42		0
	8	7	19.12	19.17	19.40		0
	15	0	19.08	19.14	19.36		0
64QAM	1	0	19.03	19.09	19.27	0-2	0
	1	7	19.09	19.12	19.29		0
	1	14	19.11	19.06	19.29		0
	8	0	18.98	18.98	19.18	0-3	0
	8	4	19.03	19.01	19.21		0
	8	7	19.00	19.01	19.23		0
	15	0	18.97	18.97	19.21		0
256QAM	1	0	19.01	19.09	19.18	0-5	0
	1	7	19.22	19.08	19.26		0
	1	14	18.97	19.13	19.29		0
	8	0	18.99	19.04	19.19		0
	8	4	19.05	19.04	19.24		0
	8	7	18.99	19.00	19.20		0
	15	0	18.99	18.97	19.18		0

FCC ID: A3LSMF731U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 33 of 188

Table H-65
LTE Band 25 (PCS) Antenna A Measured P_{Limit} for DSI = 3 (Hotspot Mode) – 1.4 MHz Bandwidth

LTE Band 25 (PCS) 1.4 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26047 (1850.7 MHz)	26365 (1882.5 MHz)	26683 (1914.3 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	19.03	19.04	19.29	0	0
	1	2	19.00	19.03	19.37		0
	1	5	19.04	19.02	19.22		0
	3	0	19.01	19.06	19.31		0
	3	2	18.96	19.06	19.28		0
	3	3	18.97	19.04	19.29		0
	6	0	18.98	19.07	19.28	0-1	0
16QAM	1	0	19.24	19.26	19.53	0-1	0
	1	2	19.35	19.51	19.49		0
	1	5	19.13	19.24	19.46		0
	3	0	19.15	19.22	19.38		0
	3	2	19.17	19.23	19.44		0
	3	3	19.12	19.18	19.51		0
	6	0	19.11	19.14	19.38	0-2	0
64QAM	1	0	19.18	19.01	19.17	0-2	0
	1	2	19.00	19.02	19.28		0
	1	5	19.07	18.93	19.23		0
	3	0	18.91	19.02	19.28		0
	3	2	19.04	19.04	19.24		0
	3	3	19.03	19.05	19.28		0
	6	0	18.94	18.98	19.24	0-3	0
256QAM	1	0	18.97	19.05	19.21	0-5	0
	1	2	18.99	19.13	19.26		0
	1	5	18.97	19.07	19.22		0
	3	0	19.05	18.94	19.17		0
	3	2	19.02	19.00	19.18		0
	3	3	18.97	19.04	19.27		0
	6	0	18.99	18.96	19.15	0	

FCC ID: A3LSMF731U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 34 of 188

H.1.10 LTE Band 25 Antenna I

Table H-66
LTE Band 25 (PCS) Antenna I Measured P_{Limit} for DSI = 0 (Body-worn or Phablet), or DSI = 4 (Earjack Active) - 15 MHz Bandwidth

LTE Band 25 (PCS) 15 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26115 (1857.5 MHz)	26365 (1882.5 MHz)	26615 (1907.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	20.60	20.49	20.64	0	0
	1	36	20.57	20.55	20.78		0
	1	74	20.62	20.62	20.93		0
	36	0	20.49	20.48	20.86	0-1	0
	36	18	20.57	20.57	20.89		0
	36	37	20.59	20.61	21.01		0
	75	0	20.57	20.56	20.89		0
16QAM	1	0	20.73	20.73	20.94	0-1	0
	1	36	20.79	20.77	21.14		0
	1	74	20.80	20.92	21.19		0
	36	0	20.51	20.50	20.85	0-2	0
	36	18	20.58	20.61	20.92		0
	36	37	20.59	20.63	21.04		0
	75	0	20.60	20.57	20.91		0
64QAM	1	0	20.72	20.57	20.95	0-2	0
	1	36	20.73	20.63	21.06		0
	1	74	20.86	20.70	21.13		0
	36	0	20.51	20.50	20.88	0-3	0
	36	18	20.62	20.59	20.91		0
	36	37	20.60	20.61	21.04		0
	75	0	20.60	20.58	20.92		0
256QAM	1	0	19.16	19.10	19.39	0-5	1.5
	1	36	19.20	19.23	19.56		1.5
	1	74	19.25	19.37	19.84		1.5
	36	0	19.10	19.11	19.47		1.5
	36	18	19.18	19.19	19.49		1.5
	36	37	19.20	19.22	19.61		1.5
	75	0	19.18	19.20	19.52		1.5

Table H-67
LTE Band 25 (PCS) Antenna I Measured P_{Limit} for DSI = 0 (Body-worn or Phablet), or DSI = 4 (Earjack Active) - 10 MHz Bandwidth

LTE Band 25 (PCS) 10 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26090 (1855.0 MHz)	26365 (1882.5 MHz)	26640 (1910.0 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	20.76	20.53	21.08	0	0
	1	25	20.75	20.62	21.10		0
	1	49	20.70	20.65	21.13		0
	25	0	20.72	20.58	21.01	0-1	0
	25	12	20.73	20.73	21.06		0
	25	25	20.76	20.72	21.18		0
	50	0	20.73	20.72	21.13		0
16QAM	1	0	20.93	20.83	21.13	0-1	0
	1	25	20.97	20.86	21.20		0
	1	49	20.92	20.83	21.22		0
	25	0	20.79	20.67	21.07	0-2	0
	25	12	20.83	20.73	21.10		0
	25	25	20.78	20.74	21.20		0
	50	0	20.76	20.73	21.17		0
64QAM	1	0	20.83	20.63	21.17	0-2	0
	1	25	20.92	20.95	21.15		0
	1	49	20.97	20.80	21.16		0
	25	0	20.75	20.62	21.03	0-3	0
	25	12	20.79	20.74	21.11		0
	25	25	20.77	20.72	21.18		0
	50	0	20.76	20.72	21.17		0
256QAM	1	0	19.44	19.30	19.59	0-5	1.5
	1	25	19.49	19.41	19.89		1.5
	1	49	19.46	19.52	19.84		1.5
	25	0	19.35	19.22	19.67		1.5
	25	12	19.37	19.31	19.68		1.5
	25	25	19.36	19.31	19.80		1.5
	50	0	19.36	19.35	19.76		1.5

FCC ID: A3LSMF731U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 35 of 188

Table H-68
LTE Band 25 (PCS) Antenna I Measured P_{Limit} for DSI = 0 (Body-worn or Phablet), or DSI = 4 (Earjack Active) - 5 MHz Bandwidth

LTE Band 25 (PCS) 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26065 (1852.5 MHz)	26365 (1882.5 MHz)	26665 (1912.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	20.72	20.65	21.08	0	0
	1	12	20.76	20.81	21.20		0
	1	24	20.74	20.69	21.17		0
	12	0	20.70	20.59	21.08	0-1	0
	12	6	20.75	20.69	21.23		0
	12	13	20.71	20.67	21.21		0
16QAM	25	0	20.73	20.67	21.16	0-1	0
	1	0	21.03	20.90	21.15		0
	1	12	21.09	21.05	21.14		0
	1	24	20.96	20.99	21.15	0-2	0
	12	0	20.81	20.61	21.13		0
	12	6	20.86	20.76	21.26		0
64QAM	12	13	20.77	20.75	21.26	0-2	0
	25	0	20.73	20.71	21.22		0
	1	0	20.75	20.76	21.11	0-2	0
	1	12	20.92	21.04	21.21		0
	1	24	20.81	20.91	21.14		0
	256QAM	12	0	20.75	20.64	21.07	0-3
12		6	20.81	20.77	21.25	0	
12		13	20.79	20.74	21.19	0	
25		0	20.76	20.69	21.23	0-5	0
1		0	19.39	19.34	19.81		1.5
1		12	19.53	19.40	19.89		1.5
1	24	19.51	19.43	19.91	1.5		
12	0	19.37	19.21	19.70	1.5		
12	6	19.36	19.31	19.84	1.5		
256QAM	12	13	19.34	19.31	19.83	1.5	
	25	0	19.33	19.30	19.81	1.5	

Table H-69
LTE Band 25 (PCS) Antenna I Measured P_{Limit} for DSI = 0 (Body-worn or Phablet), or DSI = 4 (Earjack Active) - 3 MHz Bandwidth

LTE Band 25 (PCS) 3 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26055 (1851.5 MHz)	26365 (1882.5 MHz)	26675 (1913.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	20.64	20.53	21.03	0	0
	1	7	20.77	20.59	21.18		0
	1	14	20.66	20.54	21.11		0
	8	0	20.67	20.56	21.12	0-1	0
	8	4	20.74	20.67	21.24		0
	8	7	20.68	20.65	21.21		0
	15	0	20.71	20.65	21.13		0
16QAM	1	0	20.86	20.80	21.17	0-1	0
	1	7	21.04	20.84	21.18		0
	1	14	20.93	20.76	21.19		0
	8	0	20.80	20.58	21.21	0-2	0
	8	4	20.80	20.73	21.34		0
	8	7	20.76	20.70	21.26		0
	15	0	20.75	20.68	21.13		0
64QAM	1	0	20.85	20.70	21.19	0-2	0
	1	7	20.95	20.85	21.21		0
	1	14	20.93	20.82	21.19		0
	8	0	20.78	20.60	21.15	0-3	0
	8	4	20.84	20.77	21.29		0
	8	7	20.82	20.72	21.26		0
	15	0	20.77	20.69	21.18		0
256QAM	1	0	19.34	19.23	19.84	0-5	1.5
	1	7	19.49	19.46	19.98		1.5
	1	14	19.35	19.39	19.95		1.5
	8	0	19.35	19.25	19.76		1.5
	8	4	19.38	19.33	19.87		1.5
	8	7	19.31	19.30	19.85		1.5
	15	0	19.32	19.31	19.76		1.5

FCC ID: A3LSMF731U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 36 of 188

Table H-70
LTE Band 25 (PCS) Antenna I Measured P_{Limit} for DSI = 0 (Body-worn or Phablet), or DSI = 4 (Earjack Active) – 1.4 MHz Bandwidth

LTE Band 25 (PCS) 1.4 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26047 (1850.7 MHz)	26365 (1882.5 MHz)	26683 (1914.3 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	20.59	20.70	21.03	0	0
	1	2	20.64	20.70	21.06		0
	1	5	20.61	20.73	21.03		0
	3	0	20.70	20.64	21.19		0
	3	2	20.71	20.66	21.18		0
	3	3	20.68	20.64	21.23		0
16QAM	6	0	20.66	20.59	21.16	0-1	0
	1	0	20.87	20.77	21.19	0-1	0
	1	2	20.91	20.85	21.15		0
	1	5	20.86	20.87	21.17		0
	3	0	20.81	20.73	21.36		0
	3	2	20.76	20.78	21.35		0
64QAM	3	3	20.74	20.71	21.31		0
	6	0	20.70	20.70	21.25	0-2	0
	1	0	20.85	20.71	21.20	0-2	0
	1	2	20.83	20.83	21.19		0
	1	5	20.87	20.67	21.10		0
	3	0	20.76	20.79	21.35		0
3	2	20.75	20.76	21.33	0		
3	3	20.74	20.76	21.31	0		
256QAM	6	0	20.70	20.71	21.29	0-3	0
	1	0	19.41	19.49	20.01	0-5	1.5
	1	2	19.43	19.56	20.00		1.5
	1	5	19.38	19.48	19.93		1.5
	3	0	19.33	19.35	19.80		1.5
	3	2	19.31	19.33	19.83		1.5
3	3	19.27	19.32	19.79	1.5		
	6	0	19.31	19.31	19.84		1.5

Table H-71
LTE Band 25 (PCS) Antenna I Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 15 MHz Bandwidth

LTE Band 25 (PCS) 15 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26115 (1857.5 MHz)	26365 (1882.5 MHz)	26615 (1907.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	15.05	14.95	15.44	0	0
	1	36	15.03	15.01	15.45		0
	1	74	15.11	15.10	15.46		0
	36	0	14.98	14.93	15.32	0-1	0
	36	18	15.04	15.01	15.52		0
	36	37	15.06	15.05	15.48		0
	75	0	15.07	15.03	15.26		0
16QAM	1	0	15.17	15.14	15.68	0-1	0
	1	36	15.14	15.22	15.74		0
	1	74	15.21	15.25	15.81		0
	36	0	14.95	14.88	15.41	0-2	0
	36	18	15.04	14.98	15.57		0
	36	37	15.05	15.01	15.60		0
	75	0	15.00	15.02	15.54		0
64QAM	1	0	15.11	14.98	15.49	0-2	0
	1	36	15.16	15.09	15.60		0
	1	74	15.21	15.21	15.66		0
	36	0	14.95	14.89	15.39	0-3	0
	36	18	15.03	14.98	15.58		0
	36	37	15.02	14.99	15.64		0
	75	0	15.02	14.98	15.63		0
256QAM	1	0	15.06	14.99	15.43	0-5	0
	1	36	15.04	15.07	15.61		0
	1	74	15.15	15.11	15.55		0
	36	0	14.97	15.08	15.38		0
	36	18	15.04	15.07	15.40		0
	36	37	15.04	15.08	15.47		0
	75	0	15.03	15.10	15.51		0

FCC ID: A3LSMF731U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 37 of 188

Table H-72
LTE Band 25 (PCS) Antenna I Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 10 MHz Bandwidth

LTE Band 25 (PCS) 10 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26090 (1855.0 MHz)	26365 (1882.5 MHz)	26640 (1910.0 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	15.22	15.01	15.53	0	0
	1	25	15.21	15.05	15.55		0
	1	49	15.22	15.15	15.56		0
	25	0	15.17	15.02	15.44	0-1	0
	25	12	15.23	15.16	15.58		0
	25	25	15.18	15.13	15.58		0
16QAM	50	0	15.18	15.13	15.56	0-1	0
	1	0	15.30	15.16	15.75		0
	1	25	15.38	15.29	15.87		0
	1	49	15.35	15.33	15.86	0-2	0
	25	0	15.19	15.02	15.45		0
	25	12	15.20	15.13	15.59		0
64QAM	25	25	15.19	15.15	15.58	0-2	0
	50	0	15.15	15.16	15.57		0
	1	0	15.33	15.20	15.69	0-2	0
	1	25	15.34	15.34	15.70		0
	1	49	15.37	15.31	15.79		0
	256QAM	25	0	15.18	15.03	15.47	0-3
25		12	15.23	15.15	15.62	0	
25		25	15.17	15.13	15.59	0	
50		0	15.19	15.12	15.58	0-5	0
1		0	15.19	14.97	15.45		0
1		25	15.24	15.17	15.67		0
1	49	15.31	15.21	15.66	0		
25	0	15.19	15.06	15.48	0		
25	12	15.22	15.18	15.60	0		
256QAM	25	25	15.19	15.18	15.62	0-5	0
	50	0	15.17	15.18	15.59		0

Table H-73
LTE Band 25 (PCS) Antenna I Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 5 MHz Bandwidth

LTE Band 25 (PCS) 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26065 (1852.5 MHz)	26365 (1882.5 MHz)	26665 (1912.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	15.16	15.11	15.50	0	0
	1	12	15.27	15.23	15.62		0
	1	24	15.18	15.14	15.58		0
	12	0	15.17	15.02	15.49	0-1	0
	12	6	15.22	15.13	15.65		0
	12	13	15.20	15.13	15.59		0
	25	0	15.16	15.13	15.57		0
16QAM	1	0	15.44	15.37	15.83	0-1	0
	1	12	15.52	15.48	15.99		0
	1	24	15.49	15.44	15.95		0
	12	0	15.21	15.03	15.48	0-2	0
	12	6	15.23	15.15	15.64		0
	12	13	15.19	15.14	15.62		0
	25	0	15.16	15.11	15.63		0
64QAM	1	0	15.29	15.29	15.70	0-2	0
	1	12	15.33	15.29	15.77		0
	1	24	15.27	15.31	15.77		0
	12	0	15.19	15.02	15.50	0-3	0
	12	6	15.23	15.18	15.64		0
	12	13	15.21	15.14	15.64		0
	25	0	15.16	15.08	15.60		0
256QAM	1	0	15.23	15.07	15.60	0-5	0
	1	12	15.35	15.26	15.79		0
	1	24	15.28	15.31	15.77		0
	12	0	15.20	15.02	15.53		0
	12	6	15.23	15.14	15.68		0
	12	13	15.22	15.12	15.65		0
	25	0	15.18	15.13	15.62		0

FCC ID: A3LSMF731U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 38 of 188

Table H-74
LTE Band 25 (PCS) Antenna I Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 3 MHz Bandwidth

LTE Band 25 (PCS) 3 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26055 (1851.5 MHz)	26365 (1882.5 MHz)	26675 (1913.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	15.17	15.03	15.48	0	0
	1	7	15.27	15.09	15.64		0
	1	14	15.12	15.01	15.49		0
	8	0	15.16	15.09	15.54	0-1	0
	8	4	15.21	15.13	15.65		0
	8	7	15.18	15.08	15.62		0
	15	0	15.14	15.11	15.53		0
16QAM	1	0	15.34	15.20	15.80	0-1	0
	1	7	15.41	15.26	15.90		0
	1	14	15.31	15.25	15.82		0
	8	0	15.20	15.10	15.58	0-2	0
	8	4	15.22	15.17	15.69		0
	8	7	15.22	15.14	15.70		0
	15	0	15.17	15.10	15.56		0
64QAM	1	0	15.32	15.24	15.70	0-2	0
	1	7	15.40	15.24	15.79		0
	1	14	15.31	15.22	15.76		0
	8	0	15.23	15.13	15.56	0-3	0
	8	4	15.29	15.17	15.72		0
	8	7	15.22	15.11	15.67		0
	15	0	15.18	15.13	15.53		0
256QAM	1	0	15.17	15.14	15.65	0-5	0
	1	7	15.23	15.31	15.81		0
	1	14	15.19	15.13	15.72		0
	8	0	15.19	15.11	15.60		0
	8	4	15.24	15.18	15.70		0
	8	7	15.20	15.17	15.66		0
	15	0	15.20	15.12	15.60		0

Table H-75
LTE Band 25 (PCS) Antenna I Measured P_{Limit} for DSI = 3 (Hotspot Mode) – 1.4 MHz Bandwidth

LTE Band 25 (PCS) 1.4 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26047 (1850.7 MHz)	26365 (1882.5 MHz)	26683 (1914.3 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	15.19	15.02	15.69	0	0
	1	2	15.29	15.07	15.68		0
	1	5	15.18	15.04	15.66		0
	3	0	15.14	15.09	15.59		0
	3	2	15.14	15.13	15.63		0
	3	3	15.14	15.11	15.61		0
	6	0	15.14	15.03	15.59		0
16QAM	1	0	15.32	15.29	15.75	0-1	0
	1	2	15.38	15.26	15.86		0
	1	5	15.32	15.31	15.83		0
	3	0	15.26	15.15	15.73		0
	3	2	15.31	15.16	15.71		0
	3	3	15.26	15.14	15.70		0
	6	0	15.25	15.10	15.66		0
64QAM	1	0	15.37	15.25	15.74	0-2	0
	1	2	15.33	15.23	15.83		0
	1	5	15.20	15.12	15.75		0
	3	0	15.15	15.24	15.74		0
	3	2	15.21	15.16	15.69		0
	3	3	15.22	15.20	15.75		0
	6	0	15.15	15.11	15.59		0
256QAM	1	0	15.17	15.17	15.79	0-5	0
	1	2	15.20	15.19	15.95		0
	1	5	15.16	15.18	15.86		0
	3	0	15.22	15.14	15.76		0
	3	2	15.32	15.12	15.76		0
	3	3	15.25	15.16	15.77		0
	6	0	15.15	15.06	15.63		0

FCC ID: A3LSMF731U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 39 of 188

H.1.11 LTE Band 30 Antenna B

Table H-76
LTE Band 30 Antenna B Measured P_{Max} for DSI = 2 (Head) – 5 MHz Bandwidth

LTE Band 30 5 MHz Bandwidth					
Modulation	RB Size	RB Offset	Mid Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			27710 (2310.0 MHz) Conducted Power [dBm]		
QPSK	1	0	23.43	0	0
	1	12	23.51		0
	1	24	23.39		0
	12	0	22.43	0-1	1
	12	6	22.46		1
	12	13	22.42		1
	25	0	22.43		1
16QAM	1	0	22.82	0-1	1
	1	12	22.87		1
	1	24	22.78		1
	12	0	21.46	0-2	2
	12	6	21.51		2
	12	13	21.45		2
	25	0	21.45		2
64QAM	1	0	21.66	0-2	2
	1	12	21.75		2
	1	24	21.67		2
	12	0	20.46	0-3	3
	12	6	20.49		3
	12	13	20.43		3
	25	0	20.41		3
256QAM	1	0	18.44	0-5	5
	1	12	18.58		5
	1	24	18.44		5
	12	0	18.45		5
	12	6	18.46		5
	12	13	18.45		5
	25	0	18.45		5

Table H-77
LTE Band 30 Antenna B Measured P_{Limit} for DSI = 0 (Body-worn or Phablet), or DSI = 4 (Earjack Active) - 5 MHz Bandwidth

LTE Band 30 5 MHz Bandwidth					
Modulation	RB Size	RB Offset	Mid Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			27710 (2310.0 MHz) Conducted Power [dBm]		
QPSK	1	0	20.53	0	0
	1	12	20.55		0
	1	24	20.44		0
	12	0	20.47	0-1	0
	12	6	20.51		0
	12	13	20.46		0
	25	0	20.49		0
16QAM	1	0	20.67	0-1	0
	1	12	20.78		0
	1	24	20.71		0
	12	0	20.36	0-2	0
	12	6	20.39		0
	12	13	20.35		0
	25	0	20.33		0
64QAM	1	0	20.61	0-2	0
	1	12	20.64		0
	1	24	20.45		0
	12	0	20.37	0-3	0
	12	6	20.39		0
	12	13	20.36		0
	25	0	20.33		0
256QAM	1	0	18.50	0-5	2
	1	12	18.62		2
	1	24	18.48		2
	12	0	18.41		2
	12	6	18.45		2
	12	13	18.45		2
	25	0	18.42		2

FCC ID: A3LSMF731U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 40 of 188

Table H-78
LTE Band 30 Antenna B Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 5 MHz Bandwidth

LTE Band 30 5 MHz Bandwidth					
Modulation	RB Size	RB Offset	Mid Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			27710 (2310.0 MHz) Conducted Power [dBm]		
QPSK	1	0	16.58	0	0
	1	12	16.59		0
	1	24	16.48		0
	12	0	16.52	0-1	0
	12	6	16.59		0
	12	13	16.53		0
	25	0	16.56		0
16QAM	1	0	16.99	0-1	0
	1	12	17.05		0
	1	24	16.85		0
	12	0	16.63	0-2	0
	12	6	16.64		0
	12	13	16.60		0
	25	0	16.61		0
64QAM	1	0	16.78	0-2	0
	1	12	16.83		0
	1	24	16.78		0
	12	0	16.60	0-3	0
	12	6	16.60		0
	12	13	16.58		0
	25	0	16.61		0
256QAM	1	0	16.58	0-5	0
	1	12	16.76		0
	1	24	16.52		0
	12	0	16.56		0
	12	6	16.62		0
	12	13	16.59		0
	25	0	16.57		0

H.1.12 LTE Band 30 Antenna I

Table H-79

LTE Band 30 Antenna I Measured P_{Limit} for DSI = 0 (Body-worn or Phablet), or DSI = 4 (Earjack Active) - 5 MHz Bandwidth

LTE Band 30 5 MHz Bandwidth					
Modulation	RB Size	RB Offset	Mid Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			27710 (2310.0 MHz) Conducted Power [dBm]		
QPSK	1	0	20.12	0	0
	1	12	20.20		0
	1	24	20.15		0
	12	0	20.05	0-1	0
	12	6	20.08		0
	12	13	20.11		0
	25	0	20.09		0
16QAM	1	0	20.26	0-1	0
	1	12	20.46		0
	1	24	20.44		0
	12	0	19.55	0-2	0.5
	12	6	19.60		0.5
	12	13	19.66		0.5
	25	0	19.56		0.5
64QAM	1	0	19.75	0-2	0.5
	1	12	19.74		0.5
	1	24	19.67		0.5
	12	0	19.06	0-3	1.5
	12	6	19.10		1.5
	12	13	19.18		1.5
	25	0	19.05		1.5
256QAM	1	0	17.04	0-5	3.5
	1	12	17.05		3.5
	1	24	17.09		3.5
	12	0	17.10		3.5
	12	6	17.23		3.5
	12	13	17.18		3.5
	25	0	17.15		3.5

Table H-80

LTE Band 30 Antenna I Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 5 MHz Bandwidth

LTE Band 30 5 MHz Bandwidth					
Modulation	RB Size	RB Offset	Mid Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			27710 (2310.0 MHz) Conducted Power [dBm]		
QPSK	1	0	16.72	0	0
	1	12	16.74		0
	1	24	16.73		0
	12	0	16.64	0-1	0
	12	6	16.72		0
	12	13	16.70		0
	25	0	16.63		0
16QAM	1	0	16.93	0-1	0
	1	12	16.90		0
	1	24	16.95		0
	12	0	16.66	0-2	0
	12	6	16.69		0
	12	13	16.75		0
	25	0	16.63		0
64QAM	1	0	16.86	0-2	0
	1	12	16.81		0
	1	24	16.89		0
	12	0	16.50	0-3	0
	12	6	16.56		0
	12	13	16.58		0
	25	0	16.53		0
256QAM	1	0	16.43	0-5	0
	1	12	16.56		0
	1	24	16.51		0
	12	0	16.50		0
	12	6	16.49		0
	12	13	16.56		0
	25	0	16.53		0

FCC ID: A3LSMF731U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 42 of 188

H.1.13 LTE Band 7

Table H-81
LTE Band 7 Measured P_{Limit} for DSI = 2 (Head) – 15 MHz Bandwidth

LTE Band 7							
15 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			20825 (2507.5 MHz)	21100 (2535.0 MHz)	21375 (2562.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	24.13	24.36	24.21	0	0
	1	36	24.20	24.22	24.18		0
	1	74	24.10	24.04	24.00		0
	36	0	23.36	23.33	23.38	0-1	0.5
	36	18	23.31	23.38	23.46		0.5
	36	37	23.35	23.34	23.35		0.5
	75	0	23.38	23.36	23.35		0.5
16QAM	1	0	23.32	23.49	23.46	0-1	0.5
	1	36	23.38	23.32	23.39		0.5
	1	74	23.42	23.32	23.34		0.5
	36	0	22.33	22.42	22.32	0-2	1.5
	36	18	22.39	22.38	22.42		1.5
	36	37	22.35	22.30	22.31		1.5
	75	0	22.37	22.34	22.40		1.5
64QAM	1	0	22.35	22.30	22.40	0-2	1.5
	1	36	22.40	22.32	22.38		1.5
	1	74	22.41	22.37	22.31		1.5
	36	0	21.38	21.40	21.36	0-3	2.5
	36	18	21.32	21.31	21.44		2.5
	36	37	21.31	21.34	21.36		2.5
	75	0	21.34	21.00	21.39		2.5
256QAM	1	0	19.32	19.32	19.34	0-5	4.5
	1	36	19.37	19.43	19.36		4.5
	1	74	19.36	19.39	19.30		4.5
	36	0	19.32	19.37	19.40		4.5
	36	18	19.37	19.34	19.43		4.5
	36	37	19.30	19.40	19.37		4.5
	75	0	19.33	19.32	19.38		4.5

Table H-82
LTE Band 7 Measured P_{Limit} for DSI = 2 (Head) – 10 MHz Bandwidth

LTE Band 7							
10 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			20800	21100	21400		
			(2505.0 MHz)	(2535.0 MHz)	(2565.0 MHz)		
Conducted Power [dBm]							
QPSK	1	0	24.37	24.29	24.24	0	0
	1	25	24.33	24.28	24.25		0
	1	49	24.33	24.21	24.11		0
	25	0	23.32	23.35	23.35	0-1	0.5
	25	12	23.38	23.30	23.36		0.5
	25	25	23.35	23.36	23.42		0.5
	50	0	23.34	23.39	23.35		0.5
16QAM	1	0	23.79	23.48	23.54	0-1	0.5
	1	25	23.66	23.47	23.40		0.5
	1	49	23.57	23.63	23.39		0.5
	25	0	22.38	22.43	22.40	0-2	1.5
	25	12	22.37	22.35	22.38		1.5
	25	25	22.31	22.36	22.40		1.5
	50	0	22.33	22.30	22.35		1.5
64QAM	1	0	22.55	22.46	22.43	0-2	1.5
	1	25	22.53	22.45	22.42		1.5
	1	49	22.49	22.34	22.44		1.5
	25	0	21.31	21.38	21.35	0-3	2.5
	25	12	21.34	21.32	21.36		2.5
	25	25	21.36	21.36	21.41		2.5
	50	0	21.37	21.39	21.38		2.5
256QAM	1	0	19.35	19.38	19.33	0-5	4.5
	1	25	19.42	19.32	19.31		4.5
	1	49	19.36	19.31	19.42		4.5
	25	0	19.36	19.36	19.41		4.5
	25	12	19.35	19.37	19.35		4.5
	25	25	19.33	19.35	19.37		4.5
	50	0	19.35	19.38	19.38		4.5

FCC ID: A3LSMF731U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 43 of 188

Table H-83
LTE Band 7 Measured P_{Limit} for DSI = 2 (Head) – 5 MHz Bandwidth

LTE Band 7 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			20775 (2502.5 MHz)	21100 (2535.0 MHz)	21425 (2567.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	24.45	24.34	24.36	0	0
	1	12	24.47	24.35	24.36		0
	1	24	24.39	24.26	24.21		0
	12	0	23.61	23.40	23.37	0-1	0.5
	12	6	23.59	23.38	23.32		0.5
	12	13	23.52	23.38	23.31		0.5
	25	0	23.55	23.31	23.30		0.5
16QAM	1	0	23.67	23.56	23.50	0-1	0.5
	1	12	23.61	23.69	23.64		0.5
	1	24	23.60	23.53	23.49		0.5
	12	0	22.51	22.43	22.39	0-2	1.5
	12	6	22.59	22.46	22.38		1.5
	12	13	22.40	22.31	22.30		1.5
	25	0	22.41	22.38	22.32		1.5
64QAM	1	0	22.57	22.42	22.37	0-2	1.5
	1	12	22.53	22.47	22.39		1.5
	1	24	22.55	22.45	22.32		1.5
	12	0	21.39	21.38	21.30	0-3	2.5
	12	6	21.42	21.38	21.33		2.5
	12	13	21.47	21.39	21.39		2.5
	25	0	21.33	21.32	21.30		2.5
256QAM	1	0	19.37	19.38	19.35	0-5	4.5
	1	12	19.53	19.47	19.37		4.5
	1	24	19.44	19.32	19.31		4.5
	12	0	19.37	19.34	19.30		4.5
	12	6	19.42	19.35	19.32		4.5
	12	13	19.51	19.30	19.30		4.5
	25	0	19.37	19.46	19.35		4.5

Table H-84
LTE Band 7 Measured P_{Limit} for DSI = 0 (Body-worn or Phablet), or DSI = 4 (Earjack Active) - 15 MHz Bandwidth

LTE Band 7 15 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			20825 (2507.5 MHz)	21100 (2535.0 MHz)	21375 (2562.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	20.88	20.93	20.79	0	0
	1	36	21.03	21.08	20.90		0
	1	74	21.12	20.82	20.71		0
	36	0	20.96	20.88	20.81	0-1	0
	36	18	21.02	20.86	20.89		0
	36	37	21.00	20.86	20.78		0
	75	0	21.06	20.96	20.79		0
16QAM	1	0	21.25	21.17	21.12	0-1	0
	1	36	21.15	21.12	20.92		0
	1	74	21.07	20.88	21.00		0
	36	0	21.05	20.91	20.81	0-2	0
	36	18	21.04	20.85	20.91		0
	36	37	20.95	20.89	20.80		0
	75	0	21.08	20.93	20.87		0
64QAM	1	0	21.04	21.19	20.99	0-2	0
	1	36	21.10	21.02	21.04		0
	1	74	21.18	20.97	20.81		0
	36	0	21.00	20.90	20.81	0-3	0
	36	18	21.01	20.92	20.86		0
	36	37	21.01	20.90	20.78		0
	75	0	21.07	20.94	20.88		0
256QAM	1	0	19.53	19.44	19.52	0-5	1
	1	36	19.56	19.43	19.37		1
	1	74	19.67	19.39	19.40		1
	36	0	19.49	19.40	19.33		1
	36	18	19.48	19.36	19.40		1
	36	37	19.51	19.39	19.38		1
	75	0	19.48	19.45	19.41		1

FCC ID: A3LSMF731U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 44 of 188

Table H-85
LTE Band 7 Measured P_{Limit} for DSI = 0 (Body-worn or Phablet), or DSI = 4 (Earjack Active) - 10 MHz Bandwidth

LTE Band 7 10 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			20800 (2505.0 MHz)	21100 (2535.0 MHz)	21400 (2565.0 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	21.22	21.03	21.03	0	0
	1	25	21.13	21.10	21.03		0
	1	49	21.03	21.05	20.90		0
	25	0	21.09	21.06	20.94	0-1	0
	25	12	21.20	21.12	20.96		0
	25	25	21.17	21.11	20.93		0
	50	0	21.17	21.09	20.93		0
16QAM	1	0	21.45	21.31	21.18	0-1	0
	1	25	21.29	21.35	21.26		0
	1	49	21.37	21.24	21.12		0
	25	0	21.09	21.08	20.98	0-2	0
	25	12	21.18	21.12	20.99		0
	25	25	21.16	21.02	20.98		0
	50	0	21.18	21.08	20.96		0
64QAM	1	0	21.41	21.19	21.20	0-2	0
	1	25	21.24	21.30	21.19		0
	1	49	21.25	20.96	21.09		0
	25	0	21.12	21.06	20.96	0-3	0
	25	12	21.23	21.13	20.97		0
	25	25	21.17	21.05	20.94		0
	50	0	21.18	21.09	20.92		0
256QAM	1	0	19.63	19.65	19.65	0-5	1
	1	25	19.69	19.67	19.65		1
	1	49	19.82	19.47	19.55		1
	25	0	19.63	19.56	19.48		1
	25	12	19.70	19.59	19.50		1
	25	25	19.66	19.58	19.48		1
	50	0	19.66	19.58	19.46		1

Table H-86
LTE Band 7 Measured P_{Limit} for DSI = 0 (Body-worn or Phablet), or DSI = 4 (Earjack Active) - 5 MHz Bandwidth

LTE Band 7							
5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			20775 (2502.5 MHz)	21100 (2535.0 MHz)	21425 (2567.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	21.15	21.07	21.07	0	0
	1	12	21.18	21.23	21.02		0
	1	24	21.18	21.01	20.94		0
	12	0	21.02	21.06	20.93	0-1	0
	12	6	21.19	21.05	20.99		0
	12	13	21.15	21.04	21.00		0
	25	0	21.15	21.07	20.93		0
16QAM	1	0	21.52	21.28	21.21	0-1	0
	1	12	21.39	21.38	21.16		0
	1	24	21.35	21.23	21.19		0
	12	0	21.15	21.04	20.94	0-2	0
	12	6	21.25	21.09	20.96		0
	12	13	21.14	21.07	21.05		0
	25	0	21.15	21.11	20.91		0
64QAM	1	0	21.26	21.15	21.18	0-2	0
	1	12	21.37	21.38	21.27		0
	1	24	21.21	21.08	21.03		0
	12	0	21.09	20.98	20.96	0-3	0
	12	6	21.23	21.05	20.95		0
	12	13	21.20	21.15	21.03		0
	25	0	21.18	21.10	20.97		0
256QAM	1	0	19.71	19.48	19.43	0-5	1
	1	12	19.77	19.58	19.57		1
	1	24	19.65	19.63	19.46		1
	12	0	19.61	19.58	19.44		1
	12	6	19.68	19.56	19.48		1
	12	13	19.67	19.52	19.52		1
	25	0	19.71	19.58	19.37		1

FCC ID: A3LSMF731U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 45 of 188

Table H-87
LTE Band 7 Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 15 MHz Bandwidth

LTE Band 7							
15 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			20825 (2507.5 MHz)	21100 (2535.0 MHz)	21375 (2562.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	17.89	17.86	17.81	0	0
	1	36	18.03	17.88	17.68		0
	1	74	17.92	17.77	17.68		0
	36	0	18.00	17.85	17.79	0-1	0
	36	18	18.10	17.90	17.76		0
	36	37	18.01	17.81	17.73		0
	75	0	18.09	17.85	17.83	0	
16QAM	1	0	18.03	18.10	17.96	0-1	0
	1	36	18.04	18.02	17.83		0
	1	74	18.01	17.84	17.78		0
	36	0	17.84	17.82	17.73	0-2	0
	36	18	17.89	17.81	17.76		0
	36	37	17.91	17.75	17.68		0
	75	0	17.89	17.86	17.79		0
64QAM	1	0	17.97	17.94	17.86	0-2	0
	1	36	18.07	17.88	17.71		0
	1	74	17.86	17.93	17.71		0
	36	0	17.87	17.79	17.75	0-3	0
	36	18	17.95	17.70	17.79		0
	36	37	17.91	17.75	17.67		0
	75	0	17.92	17.84	17.74		0
256QAM	1	0	18.00	17.90	17.80	0-5	0
	1	36	17.95	17.78	17.83		0
	1	74	18.03	17.87	17.80		0
	36	0	17.83	17.87	17.71		0
	36	18	17.88	17.68	17.76		0
	36	37	17.84	17.75	17.75		0
	75	0	17.92	17.82	17.70		0

Table H-88
LTE Band 7 Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 10 MHz Bandwidth

LTE Band 7							
10 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			20800	21100	21400		
			(2505.0 MHz)	(2535.0 MHz)	(2565.0 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	18.16	18.13	18.02	0	0
	1	25	18.24	18.09	17.98		0
	1	49	18.11	17.95	17.78		0
	25	0	18.19	18.03	17.93	0-1	0
	25	12	18.24	18.10	18.03		0
	25	25	18.21	18.02	17.95		0
	50	0	18.22	18.08	17.98		0
16QAM	1	0	18.27	18.19	18.05	0-1	0
	1	25	18.21	18.13	18.07		0
	1	49	18.26	18.18	18.08		0
	25	0	18.01	17.98	17.84	0-2	0
	25	12	18.17	18.04	17.88		0
	25	25	18.08	17.96	17.90		0
	50	0	18.13	18.00	17.84		0
64QAM	1	0	18.14	18.13	18.17	0-2	0
	1	25	18.20	18.00	18.12		0
	1	49	18.11	18.01	18.03		0
	25	0	18.02	17.91	17.86	0-3	0
	25	12	18.08	17.96	17.84		0
	25	25	18.05	17.97	17.88		0
	50	0	18.11	17.99	17.82		0
256QAM	1	0	18.08	17.99	18.07	0-5	0
	1	25	18.18	18.11	18.07		0
	1	49	18.04	17.96	17.97		0
	25	0	18.06	17.97	17.89		0
	25	12	18.10	17.99	17.88		0
	25	25	18.08	17.93	17.93		0
	50	0	18.10	17.99	17.86		0

FCC ID: A3LSMF731U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 46 of 188

Table H-89
LTE Band 7 Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 5 MHz Bandwidth

LTE Band 7 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			20775 (2502.5 MHz)	21100 (2535.0 MHz)	21425 (2567.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	18.13	18.00	17.93	0	0
	1	12	18.22	18.05	17.89		0
	1	24	18.19	18.07	17.87		0
	12	0	18.24	17.98	17.88	0-1	0
	12	6	18.21	18.11	17.98		0
	12	13	18.20	18.05	17.97		0
	25	0	18.18	18.10	17.91		0
16QAM	1	0	18.23	18.26	18.05	0-1	0
	1	12	18.31	18.27	18.12		0
	1	24	18.22	18.23	17.97		0
	12	0	17.96	17.93	17.86	0-2	0
	12	6	18.15	17.98	17.87		0
	12	13	18.07	18.03	17.90		0
	25	0	18.05	17.99	17.83		0
64QAM	1	0	18.31	18.08	17.97	0-2	0
	1	12	18.14	18.00	18.06		0
	1	24	18.07	18.07	17.90		0
	12	0	18.00	17.95	17.83	0-3	0
	12	6	18.08	17.96	17.88		0
	12	13	18.07	17.96	17.90		0
	25	0	18.04	17.94	17.77		0
256QAM	1	0	17.97	18.00	17.86	0-5	0
	1	12	18.22	18.13	17.99		0
	1	24	18.08	17.98	17.88		0
	12	0	17.96	17.93	17.86		0
	12	6	18.10	17.90	17.89		0
	12	13	18.00	17.97	17.87		0
	25	0	18.04	17.93	17.83		0

FCC ID: A3LSMF731U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 47 of 188

H.1.14 LTE Band 41 Antenna B

Table H-90

LTE Band 41 PC3 Antenna B Measured P_{Max} for DSI = 0 (Body-worn or Phablet), DSI = 2 (Head), or DSI = 4 (Earjack Active) - 15 MHz Bandwidth

LTE Band 41 15 MHz Bandwidth									
Modulation	RB Size	RB Offset	Low Channel	Low-Mid Channel	Mid Channel	Mid-High Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			39750 (2506.0 MHz)	40185 (2549.5 MHz)	40620 (2593.0 MHz)	41055 (2636.5 MHz)	41490 (2680.0 MHz)		
			Conducted Power [dBm]						
QPSK	1	0	24.03	23.98	24.07	24.15	24.00	0	0
	1	36	24.10	24.03	24.20	24.26	24.08		0
	1	74	23.82	24.00	24.25	24.18	24.08		0
	36	0	23.18	23.02	23.20	23.32	23.08	0-1	1
	36	18	23.23	23.00	23.29	23.27	23.18		1
	36	37	23.16	23.08	23.28	23.37	23.17		1
	75	0	23.20	22.99	23.30	23.38	23.17		1
16QAM	1	0	23.03	22.97	22.84	23.16	22.99	0-1	1
	1	36	23.34	22.90	23.01	23.36	22.94		1
	1	74	22.99	23.09	23.24	23.34	23.06		1
	36	0	22.22	22.04	22.15	22.27	22.11	0-2	2
	36	18	22.23	21.99	22.27	22.31	22.22		2
	36	37	22.15	22.05	22.25	22.38	22.18		2
	75	0	22.25	21.99	22.27	22.38	22.18		2
64QAM	1	0	22.09	21.84	22.20	21.99	22.02	0-2	2
	1	36	22.30	22.00	22.12	22.27	22.09		2
	1	74	22.08	21.68	22.18	22.37	21.91		2
	36	0	21.11	21.04	21.20	21.23	21.10	0-3	3
	36	18	21.21	21.05	21.24	21.32	21.13		3
	36	37	21.21	21.13	21.27	21.37	21.20		3
	75	0	21.18	21.04	21.27	21.35	21.13		3
256QAM	1	0	19.22	19.04	19.09	19.50	18.85	0-5	5
	1	36	19.24	18.89	19.19	19.46	19.07		5
	1	74	19.04	18.85	19.13	19.35	18.97		5
	36	0	19.15	19.01	19.15	19.28	19.08		5
	36	18	19.20	18.99	19.29	19.27	19.19		5
	36	37	19.17	19.05	19.19	19.31	19.16		5
	75	0	19.21	18.99	19.21	19.39	19.14		5

Table H-91

LTE Band 41 PC3 Antenna B Measured P_{Max} for DSI = 0 (Body-worn or Phablet), DSI = 2 (Head), or DSI = 4 (Earjack Active) - 10 MHz Bandwidth

LTE Band 41									
10 MHz Bandwidth									
Modulation	RB Size	RB Offset	Low Channel	Low-Mid Channel	Mid Channel	Mid-High Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			39750 (2506.0 MHz)	40185 (2549.5 MHz)	40620 (2593.0 MHz)	41055 (2636.5 MHz)	41490 (2680.0 MHz)		
			Conducted Power [dBm]						
QPSK	1	0	24.35	24.07	24.27	24.39	24.16	0	0
	1	25	24.42	24.19	24.35	24.54	24.25		0
	1	49	24.33	24.08	24.31	24.41	24.21		0
	25	0	23.28	23.15	23.26	23.36	23.20	0-1	1
	25	12	23.35	23.13	23.40	23.38	23.36		1
	25	25	23.33	23.16	23.35	23.45	23.28		1
	50	0	23.37	23.15	23.39	23.45	23.32		1
16QAM	1	0	23.17	23.14	23.09	23.61	23.05	0-1	1
	1	25	23.43	23.02	23.17	23.44	23.46		1
	1	49	23.35	22.75	23.14	23.37	23.09		1
	25	0	22.28	22.11	22.30	22.28	22.27	0-2	2
	25	12	22.34	22.14	22.43	22.40	22.45		2
	25	25	22.37	22.17	22.38	22.44	22.28		2
	50	0	22.40	22.14	22.35	22.47	22.34		2
64QAM	1	0	22.43	22.05	22.14	22.55	22.26	0-2	2
	1	25	22.46	22.24	22.32	22.66	22.09		2
	1	49	22.17	21.93	22.25	22.30	22.28		2
	25	0	21.31	21.16	21.32	21.40	21.20	0-3	3
	25	12	21.44	21.21	21.44	21.46	21.33		3
	25	25	21.32	21.24	21.40	21.46	21.34		3
	50	0	21.40	21.19	21.38	21.44	21.37		3
256QAM	1	0	19.32	19.04	19.19	19.22	19.21	0-5	5
	1	25	19.26	19.17	19.23	19.45	19.44		5
	1	49	19.28	19.13	19.22	19.41	19.27		5
	25	0	19.28	19.23	19.27	19.36	19.28		5
	25	12	19.36	19.19	19.38	19.41	19.39		5
	25	25	19.31	19.30	19.36	19.43	19.35		5
	50	0	19.40	19.23	19.39	19.44	19.37		5

FCC ID: A3LSMF731U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 48 of 188

Table H-92

LTE Band 41 PC3 Antenna B Measured P_{Max} for DSI = 0 (Body-worn or Phablet), DSI = 2 (Head), or DSI = 4 (Earjack Active) - 5 MHz Bandwidth

LTE Band 41									
5 MHz Bandwidth									
Modulation	RB Size	RB Offset	Low Channel	Low-Mid Channel	Mid Channel	Mid-High Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			39750 (2506.0 MHz)	40185 (2549.5 MHz)	40620 (2593.0 MHz)	41055 (2636.5 MHz)	41490 (2680.0 MHz)		
			Conducted Power [dBm]						
QPSK	1	0	24.36	24.04	24.19	24.41	24.11	0	0
	1	12	24.41	24.11	24.30	24.52	24.16		0
	1	24	24.35	23.96	24.25	24.42	24.14		0
	12	0	23.29	23.10	23.24	23.36	23.16	0-1	1
	12	6	23.40	23.11	23.33	23.43	23.31		1
	12	13	23.30	23.15	23.33	23.43	23.25		1
16QAM	25	0	23.37	23.10	23.33	23.41	23.29	0-1	1
	1	0	23.42	23.06	23.12	23.42	23.06		1
	1	12	23.47	23.04	23.26	23.45	23.11		1
	1	24	23.34	23.10	23.15	23.45	23.14	0-2	1
	12	0	22.30	22.12	22.26	22.32	22.24		2
	12	6	22.37	22.17	22.34	22.38	22.28		2
64QAM	12	13	22.29	22.19	22.35	22.31	22.22	0-2	2
	25	0	22.33	22.12	22.38	22.42	22.34		2
	1	0	22.25	22.09	22.26	22.20	22.06		2
	1	12	22.25	22.28	22.09	22.30	22.14	0-3	2
	1	24	22.33	21.86	22.35	22.56	22.08		2
	12	0	21.23	21.15	21.28	21.42	21.14		3
256QAM	12	6	21.33	21.16	21.38	21.51	21.30	0-3	3
	12	13	21.45	21.22	21.36	21.47	21.23		3
	25	0	21.30	21.12	21.34	21.43	21.28		3
	1	0	19.30	19.18	19.29	19.06	19.02	0-5	5
	1	12	19.22	19.14	19.38	19.47	19.42		5
	1	24	19.18	19.29	19.16	19.45	19.18		5
12	0	19.32	19.14	19.29	19.40	19.26	5		
12	6	19.44	19.21	19.41	19.45	19.29	5		
	12	13	19.25	19.20	19.28	19.45	19.34		5
	25	0	19.35	19.17	19.30	19.43	19.29		5

Table H-93

LTE Band 41 PC3 Antenna B Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 15 MHz Bandwidth

LTE Band 41									
15 MHz Bandwidth									
Modulation	RB Size	RB Offset	Low Channel	Low-Mid Channel	Mid Channel	Mid-High Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			39750 (2506.0 MHz)	40185 (2549.5 MHz)	40620 (2593.0 MHz)	41055 (2636.5 MHz)	41490 (2680.0 MHz)		
			Conducted Power [dBm]						
QPSK	1	0	20.37	20.29	20.25	20.28	20.20	0	0
	1	36	20.48	20.25	20.44	20.38	20.28		0
	1	74	20.18	20.21	20.42	20.25	20.26		0
	36	0	20.37	20.24	20.34	20.45	20.24	0-1	0
	36	18	20.46	20.22	20.44	20.46	20.38		0
	36	37	20.39	20.25	20.38	20.46	20.37		0
16QAM	75	0	20.47	20.21	20.36	20.51	20.34	0-1	0
	1	0	20.08	20.05	19.92	20.36	20.06		0
	1	36	20.21	20.32	20.09	20.60	20.28		0
	1	74	20.39	20.10	20.47	20.34	19.87	0-2	0
	36	0	20.36	20.25	20.28	20.44	20.22		0
	36	18	20.44	20.21	20.40	20.43	20.33		0
64QAM	36	37	20.37	20.24	20.39	20.45	20.34	0-2	0
	75	0	20.49	20.25	20.40	20.49	20.30		0
	1	0	20.11	20.14	19.93	20.32	19.89		0
	1	36	20.29	20.44	20.32	20.41	20.28	0-3	0
	1	74	20.22	20.14	20.18	20.34	20.31		0
	36	0	20.32	20.17	20.29	20.36	20.30		0
256QAM	36	18	20.38	20.19	20.38	20.40	20.38	0-5	0
	36	37	20.34	20.21	20.35	20.39	20.43		0
	75	0	20.40	20.18	20.39	20.45	20.33		0
	1	0	19.14	18.89	19.21	19.03	18.94	0-5	1
	1	36	19.06	18.87	19.26	19.33	19.22		1
	1	74	18.88	19.01	19.11	19.03	18.92		1
36	0	19.20	19.01	19.14	19.15	19.07	1		
36	18	19.23	19.00	19.23	19.25	19.21	1		
36	37	19.17	19.06	19.23	19.27	19.16		1	
75	0	19.21	18.93	19.17	19.22	19.15		1	

FCC ID: A3LSMF731U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 49 of 188

Table H-94
LTE Band 41 PC3 Antenna B Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 10 MHz Bandwidth

LTE Band 41 10 MHz Bandwidth									
Modulation	RB Size	RB Offset	Low Channel	Low-Mid Channel	Mid Channel	Mid-High Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			39750 (2506.0 MHz)	40185 (2549.5 MHz)	40620 (2593.0 MHz)	41055 (2636.5 MHz)	41490 (2680.0 MHz)		
			Conducted Power [dBm]						
QPSK	1	0	20.60	20.34	20.46	20.64	20.32	0	0
	1	25	20.60	20.39	20.56	20.67	20.40		0
	1	49	20.57	20.31	20.50	20.62	20.36		0
	25	0	20.50	20.37	20.44	20.54	20.40	0-1	0
	25	12	20.58	20.38	20.60	20.56	20.51		0
	25	25	20.53	20.44	20.56	20.61	20.51		0
	50	0	20.56	20.39	20.58	20.59	20.49		0
16QAM	1	0	20.58	20.01	20.25	20.56	20.38	0-1	0
	1	25	20.54	20.24	20.45	20.42	20.29		0
	1	49	20.44	20.34	20.39	20.49	20.35		0
	25	0	20.56	20.45	20.41	20.55	20.36	0-2	0
	25	12	20.65	20.43	20.63	20.57	20.54		0
	25	25	20.60	20.43	20.54	20.57	20.53		0
	50	0	20.59	20.36	20.53	20.62	20.53		0
64QAM	1	0	20.49	20.12	20.50	20.49	20.19	0-2	0
	1	25	20.75	20.35	20.66	20.50	20.57		0
	1	49	20.35	20.15	20.66	20.61	20.23		0
	25	0	20.54	20.39	20.50	20.58	20.41	0-3	0
	25	12	20.57	20.41	20.59	20.55	20.49		0
	25	25	20.56	20.43	20.57	20.65	20.52		0
	50	0	20.62	20.40	20.57	20.64	20.48		0
256QAM	1	0	19.31	19.20	19.22	19.47	19.07	0-5	1
	1	25	19.47	19.24	19.21	19.30	19.31		1
	1	49	19.14	19.34	19.17	19.37	19.23		1
	25	0	19.37	19.23	19.30	19.34	19.23		1
	25	12	19.43	19.23	19.36	19.39	19.32		1
	25	25	19.37	19.26	19.33	19.46	19.30		1
	50	0	19.39	19.20	19.34	19.47	19.29		1

Table H-95
LTE Band 41 PC3 Antenna B Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 5 MHz Bandwidth

LTE Band 41 5 MHz Bandwidth									
Modulation	RB Size	RB Offset	Low Channel	Low-Mid Channel	Mid Channel	Mid-High Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			39750 (2506.0 MHz)	40185 (2549.5 MHz)	40620 (2593.0 MHz)	41055 (2636.5 MHz)	41490 (2680.0 MHz)		
			Conducted Power [dBm]						
QPSK	1	0	20.57	20.20	20.46	20.63	20.33	0	0
	1	12	20.57	20.33	20.60	20.73	20.40		0
	1	24	20.56	20.22	20.48	20.69	20.34		0
	12	0	20.46	20.33	20.43	20.55	20.41	0-1	0
	12	6	20.57	20.36	20.56	20.71	20.49		0
	12	13	20.53	20.36	20.52	20.62	20.48		0
	25	0	20.54	20.32	20.55	20.60	20.51		0
16QAM	1	0	20.66	20.24	20.28	20.47	20.26	0-1	0
	1	12	20.61	20.19	20.59	20.55	20.51		0
	1	24	20.54	20.29	20.38	20.53	20.28		0
	12	0	20.47	20.36	20.46	20.62	20.39	0-2	0
	12	6	20.61	20.32	20.63	20.65	20.55		0
	12	13	20.56	20.44	20.61	20.62	20.48		0
	25	0	20.57	20.33	20.59	20.69	20.48		0
64QAM	1	0	20.61	20.09	20.49	20.39	20.32	0-2	0
	1	12	20.62	20.15	20.41	20.46	20.32		0
	1	24	20.60	20.29	20.56	20.62	20.45		0
	12	0	20.47	20.42	20.54	20.66	20.44	0-3	0
	12	6	20.62	20.42	20.56	20.71	20.62		0
	12	13	20.57	20.46	20.52	20.62	20.54		0
	25	0	20.47	20.36	20.54	20.71	20.54		0
256QAM	1	0	19.24	19.04	19.07	19.38	19.20	0-5	1
	1	12	19.24	19.28	19.52	19.31	19.32		1
	1	24	19.43	19.10	19.21	19.22	19.29		1
	12	0	19.26	19.19	19.24	19.36	19.27		1
	12	6	19.31	19.18	19.43	19.55	19.33		1
	12	13	19.28	19.24	19.27	19.47	19.35		1
	25	0	19.33	19.10	19.33	19.48	19.28		1

FCC ID: A3LSMF731U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 50 of 188

H.1.15 LTE Band 41 Antenna I

Table H-96

LTE Band 41 PC3 Antenna I Measured P_{Limit} for DSI = 0 (Body-worn or Phablet), or DSI = 4 (Earjack Active)
- 15 MHz Bandwidth

LTE Band 41 15 MHz Bandwidth									
Modulation	RB Size	RB Offset	Low Channel	Low-Mid Channel	Mid Channel	Mid-High Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			39750 (2506.0 MHz)	40185 (2549.5 MHz)	40620 (2593.0 MHz)	41055 (2636.5 MHz)	41490 (2680.0 MHz)		
			Conducted Power [dBm]						
QPSK	1	0	22.31	22.28	22.60	22.71	22.16	0	0
	1	36	22.30	22.48	22.77	22.82	22.12		0
	1	74	22.20	22.45	22.77	22.76	22.02		0
	36	0	22.44	22.38	22.72	22.75	22.30	0-1	0
	36	18	22.32	22.41	22.82	22.78	22.29		0
	36	37	22.27	22.50	22.80	22.70	22.16		0
	75	0	22.31	22.39	22.75	22.74	22.28		0
16QAM	1	0	22.10	22.26	22.63	22.72	22.25	0-1	0
	1	36	22.36	22.41	22.58	22.82	22.03		0
	1	74	22.07	22.48	22.71	22.91	21.98		0
	36	0	22.05	22.24	22.48	22.55	22.07	0-2	0
	36	18	22.14	22.27	22.56	22.53	22.04		0
	36	37	22.07	22.25	22.60	22.44	21.95		0
	75	0	22.09	22.24	22.58	22.54	22.05		0
64QAM	1	0	21.84	22.29	22.42	22.62	21.90	0-2	0
	1	36	21.99	22.47	22.68	22.53	21.98		0
	1	74	21.89	22.17	22.41	22.55	21.87		0
	36	0	21.02	21.21	21.52	21.60	21.07	0-3	1
	36	18	21.08	21.28	21.55	21.58	21.03		1
	36	37	21.03	21.26	21.53	21.43	20.97		1
	75	0	21.25	21.26	21.52	21.49	20.98		1
256QAM	1	0	19.02	18.87	19.46	19.40	19.04	0-5	3
	1	36	18.80	19.12	19.29	19.48	18.95		3
	1	74	19.11	19.43	19.05	19.54	18.77		3
	36	0	19.01	19.25	19.46	19.64	19.01		3
	36	18	19.09	19.24	19.55	19.58	19.05		3
	36	37	19.01	19.32	19.58	19.48	19.00		3
	75	0	19.13	19.22	19.55	19.63	19.10		3

Table H-97

LTE Band 41 PC3 Antenna I Measured P_{Limit} for DSI = 0 (Body-worn or Phablet), or DSI = 4 (Earjack Active)
- 10 MHz Bandwidth

LTE Band 41									
10 MHz Bandwidth									
Modulation	RB Size	RB Offset	Low Channel	Low-Mid Channel	Mid Channel	Mid-High Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			39750 (2506.0 MHz)	40185 (2549.5 MHz)	40620 (2593.0 MHz)	41055 (2636.5 MHz)	41490 (2680.0 MHz)		
			Conducted Power [dBm]						
QPSK	1	0	22.40	22.46	22.63	22.65	22.24	0	0
	1	25	22.49	22.57	22.82	22.89	22.31		0
	1	49	22.43	22.54	22.86	22.73	22.21		0
	25	0	22.38	22.55	22.80	22.84	22.34	0-1	0
	25	12	22.49	22.62	22.91	22.82	22.41		0
	25	25	22.45	22.61	22.90	22.82	22.28		0
	50	0	22.43	22.51	22.87	22.82	22.38		0
16QAM	1	0	22.43	22.38	22.52	22.82	22.34	0-1	0
	1	25	22.45	22.52	22.71	22.84	22.10		0
	1	49	22.27	22.44	22.61	22.71	22.17		0
	25	0	22.17	22.38	22.59	22.66	22.17	0-2	0
	25	12	22.27	22.37	22.70	22.66	22.16		0
	25	25	22.25	22.38	22.59	22.64	22.05		0
	50	0	22.23	22.34	22.69	22.55	22.14		0
64QAM	1	0	22.37	22.40	22.46	22.58	22.27	0-2	0
	1	25	22.28	22.55	22.74	22.43	21.97		0
	1	49	22.15	22.29	22.86	22.57	21.96		0
	25	0	21.14	21.37	21.53	21.62	21.15	0-3	1
	25	12	21.30	21.41	21.62	21.66	21.18		1
	25	25	21.17	21.44	21.70	21.62	21.06		1
	50	0	21.21	21.35	21.60	21.70	21.09		1
256QAM	1	0	19.00	19.09	19.38	19.42	19.19	0-5	3
	1	25	19.34	19.32	19.45	19.59	19.17		3
	1	49	19.13	19.44	19.35	19.35	19.11		3
	25	0	19.18	19.37	19.57	19.63	19.19		3
	25	12	19.33	19.49	19.69	19.76	19.22		3
	25	25	19.29	19.49	19.63	19.71	19.05		3
	50	0	19.24	19.39	19.62	19.71	19.14		3

FCC ID: A3LSMF731U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 51 of 188

Table H-98

LTE Band 41 PC3 Antenna I Measured P_{Limit} for DSI = 0 (Body-worn or Phablet), or DSI = 4 (Earjack Active) - 5 MHz Bandwidth

LTE Band 41									
5 MHz Bandwidth									
Modulation	RB Size	RB Offset	Low Channel	Low-Mid Channel	Mid Channel	Mid-High Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			39750 (2506.0 MHz)	40185 (2549.5 MHz)	40620 (2593.0 MHz)	41055 (2636.5 MHz)	41490 (2680.0 MHz)		
			Conducted Power [dBm]						
QPSK	1	0	22.29	22.49	22.63	22.70	22.30	0	0
	1	12	22.31	22.59	22.70	22.76	22.32		0
	1	24	22.28	22.50	22.91	22.68	22.25		0
	12	0	22.40	22.54	22.76	22.86	22.35	0-1	0
	12	6	22.45	22.56	22.88	22.84	22.37		0
	12	13	22.42	22.64	22.88	22.81	22.36		0
	25	0	22.44	22.52	22.87	22.83	22.37		0
16QAM	1	0	22.31	22.50	22.61	22.84	22.17	0-1	0
	1	12	22.43	22.44	22.85	22.83	22.24		0
	1	24	22.25	22.35	22.71	22.77	22.28		0
	12	0	22.17	22.35	22.58	22.64	22.18	0-2	0
	12	6	22.28	22.39	22.69	22.64	22.12		0
	12	13	22.25	22.48	22.58	22.64	22.13		0
	25	0	22.18	22.37	22.69	22.62	22.17		0
64QAM	1	0	21.99	22.33	22.44	22.58	22.06	0-2	0
	1	12	22.12	22.39	22.58	22.42	22.14		0
	1	24	22.04	22.04	22.62	22.29	22.28		0
	12	0	21.24	21.32	21.50	21.66	21.20	0-3	1
	12	6	21.34	21.35	21.70	21.68	21.23		1
	12	13	21.20	21.45	21.57	21.66	21.11		1
	25	0	21.26	21.29	21.59	21.59	21.14		1
256QAM	1	0	19.14	19.11	19.45	19.45	19.17	0-5	3
	1	12	19.29	19.53	19.78	19.53	19.11		3
	1	24	19.03	19.24	19.53	19.49	19.13		3
	12	0	19.13	19.42	19.51	19.63	19.17		3
	12	6	19.30	19.39	19.68	19.68	19.21		3
	12	13	19.25	19.48	19.67	19.64	19.17		3
	25	0	19.17	19.40	19.66	19.66	19.19		3

Table H-99

LTE Band 41 PC3 Antenna I Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 15 MHz Bandwidth

LTE Band 41									
15 MHz Bandwidth									
Modulation	RB Size	RB Offset	Low Channel	Low-Mid Channel	Mid Channel	Mid-High Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			39750 (2506.0 MHz)	40185 (2549.5 MHz)	40620 (2593.0 MHz)	41055 (2636.5 MHz)	41490 (2680.0 MHz)		
			Conducted Power [dBm]						
QPSK	1	0	20.20	20.23	20.29	20.35	20.17	0	0
	1	36	20.21	20.23	20.44	20.37	20.28		0
	1	74	20.03	20.25	20.37	20.30	20.24		0
	36	0	20.27	20.26	20.41	20.37	20.24	0-1	0
	36	18	20.40	20.39	20.47	20.43	20.33		0
	36	37	20.33	20.29	20.46	20.43	20.36		0
16QAM	75	0	20.30	20.35	20.42	20.42	20.31	0-1	0
	1	0	20.32	20.14	20.26	20.42	20.24		0
	1	36	20.28	20.20	20.25	20.44	20.18		0
	1	74	20.14	20.24	20.50	20.16	20.33	0-2	0
	36	0	20.30	20.30	20.37	20.42	20.29		0
	36	18	20.37	20.33	20.40	20.43	20.35		0
64QAM	36	37	20.33	20.29	20.41	20.45	20.30	0-2	0
	75	0	20.33	20.35	20.39	20.45	20.40		0
	1	0	20.00	20.26	20.31	20.63	20.11		0
	1	36	19.91	20.29	20.39	20.42	20.13	0-3	0
	1	74	20.18	20.34	20.32	20.22	20.35		0
	36	0	20.35	20.30	20.31	20.44	20.30		0
256QAM	36	18	20.36	20.37	20.47	20.43	20.36	0-3	0
	36	37	20.35	20.31	20.37	20.48	20.31		0
	75	0	20.32	20.36	20.45	20.43	20.34		0
	1	0	18.89	19.12	18.84	19.00	18.84	0-5	1
	1	36	18.86	18.97	18.80	19.14	19.18		1
	1	74	19.11	19.04	18.83	19.14	19.18		1
36	0	19.07	19.03	19.15	19.19	19.00	1		
36	18	19.22	19.12	19.27	19.26	19.11	1		
	36	37	19.12	19.16	19.25	19.29	19.13		1
	75	0	19.17	19.12	19.26	19.24	19.16		1

FCC ID: A3LSMF731U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 52 of 188

Table H-100
LTE Band 41 PC3 Antenna I Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 10 MHz Bandwidth

LTE Band 41 10 MHz Bandwidth									
Modulation	RB Size	RB Offset	Low Channel	Low-Mid Channel	Mid Channel	Mid-High Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			39750 (2506.0 MHz)	40185 (2549.5 MHz)	40620 (2593.0 MHz)	41055 (2636.5 MHz)	41490 (2680.0 MHz)		
			Conducted Power [dBm]						
QPSK	1	0	20.51	20.36	20.48	20.55	20.29	0	0
	1	25	20.55	20.44	20.61	20.65	20.42		0
	1	49	20.45	20.35	20.52	20.59	20.32		0
	25	0	20.41	20.44	20.49	20.52	20.38	0-1	0
	25	12	20.46	20.49	20.58	20.56	20.48		0
	25	25	20.46	20.45	20.59	20.59	20.47		0
	50	0	20.52	20.47	20.57	20.57	20.47		0
16QAM	1	0	20.35	20.46	20.50	20.62	20.46	0-1	0
	1	25	20.52	20.53	20.65	20.69	20.33		0
	1	49	20.47	20.31	20.31	20.58	20.26		0
	25	0	20.45	20.36	20.49	20.52	20.41	0-2	0
	25	12	20.58	20.55	20.59	20.52	20.52		0
	25	25	20.51	20.51	20.62	20.62	20.48		0
	50	0	20.55	20.51	20.60	20.65	20.48		0
64QAM	1	0	20.37	20.48	20.44	20.44	20.37	0-2	0
	1	25	20.26	20.31	20.58	20.49	20.34		0
	1	49	20.34	20.28	20.55	20.57	20.44		0
	25	0	20.44	20.45	20.62	20.49	20.41	0-3	0
	25	12	20.53	20.53	20.63	20.60	20.47		0
	25	25	20.51	20.52	20.61	20.58	20.47		0
	50	0	20.51	20.51	20.64	20.63	20.52		0
256QAM	1	0	19.15	19.28	19.22	19.36	19.10	0-5	1
	1	25	19.35	18.96	19.44	19.42	19.18		1
	1	49	19.04	19.16	19.36	19.53	19.14		1
	25	0	19.34	19.27	19.36	19.38	19.16		1
	25	12	19.39	19.31	19.44	19.37	19.32		1
	25	25	19.35	19.28	19.40	19.43	19.29		1
	50	0	19.32	19.30	19.46	19.45	19.24		1

Table H-101
LTE Band 41 PC3 Antenna I Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 5 MHz Bandwidth

LTE Band 41 5 MHz Bandwidth									
Modulation	RB Size	RB Offset	Low Channel	Low-Mid Channel	Mid Channel	Mid-High Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			39750 (2506.0 MHz)	40185 (2549.5 MHz)	40620 (2593.0 MHz)	41055 (2636.5 MHz)	41490 (2680.0 MHz)		
			Conducted Power [dBm]						
QPSK	1	0	20.49	20.29	20.48	20.57	20.25	0	0
	1	12	20.57	20.35	20.56	20.64	20.38		0
	1	24	20.54	20.30	20.49	20.61	20.27		0
	12	0	20.42	20.37	20.50	20.50	20.37	0-1	0
	12	6	20.48	20.46	20.53	20.57	20.45		0
	12	13	20.52	20.40	20.54	20.58	20.42		0
	25	0	20.44	20.47	20.56	20.58	20.46		0
16QAM	1	0	20.41	20.22	20.55	20.73	20.24	0-1	0
	1	12	20.58	20.39	20.55	20.70	20.37		0
	1	24	20.70	20.39	20.24	20.46	20.31		0
	12	0	20.43	20.43	20.48	20.50	20.38	0-2	0
	12	6	20.57	20.59	20.65	20.60	20.40		0
	12	13	20.51	20.44	20.62	20.53	20.40		0
	25	0	20.55	20.47	20.53	20.64	20.42		0
64QAM	1	0	20.50	20.51	20.77	20.61	20.26	0-2	0
	1	12	20.52	20.49	20.60	20.47	20.40		0
	1	24	20.42	20.22	20.75	20.29	20.36		0
	12	0	20.42	20.50	20.46	20.46	20.32	0-3	0
	12	6	20.63	20.52	20.68	20.59	20.46		0
	12	13	20.56	20.48	20.60	20.57	20.43		0
	25	0	20.59	20.47	20.59	20.59	20.51		0
256QAM	1	0	19.01	19.19	19.19	19.12	19.15	0-5	1
	1	12	19.13	19.38	19.57	19.33	19.27		1
	1	24	19.34	19.16	19.27	19.43	19.31		1
	12	0	19.13	19.31	19.38	19.32	19.17		1
	12	6	19.35	19.37	19.49	19.39	19.27		1
	12	13	19.37	19.27	19.37	19.33	19.27		1
	25	0	19.34	19.26	19.33	19.42	19.26		1

FCC ID: A3LSMF731U	SAR EVALUATION REPORT	Approved by:
DUT Type: Portable Handset		Technical Manager
APPENDIX H: Page 53 of 188		

H.1.16 LTE Band 48

Table H-102

LTE Band 48 Measured P_{Limit} for DSI = 0 (Body-worn or Phablet), or DSI = 4 (Earjack Active) - 15 MHz Bandwidth

LTE Band 48 15 MHz Bandwidth								
Modulation	RB Size	RB Offset	Low Channel	Low-Mid Channel	Mid-High Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			55315 (3557.5 MHz)	55765 (3602.5 MHz)	56215 (3647.5 MHz)	56665 (3692.5 MHz)		
			Conducted Power [dBm]					
QPSK	1	0	19.95	19.70	19.84	19.47	0	0
	1	36	19.98	19.77	19.96	19.50		0
	1	74	19.94	19.72	19.93	19.41		0
	36	0	20.06	19.76	19.97	19.71	0-1	0
	36	18	20.06	19.83	20.01	19.70		0
	36	37	19.98	19.80	19.96	19.61		0
	75	0	19.98	19.77	19.99	19.70		0
16QAM	1	0	19.79	19.69	19.73	19.64	0-1	0
	1	36	19.95	19.74	19.88	19.60		0
	1	74	19.80	19.81	19.82	19.48		0
	36	0	20.04	19.81	19.97	19.71	0-2	0
	36	18	20.05	19.83	20.00	19.71		0
	36	37	20.01	19.88	19.95	19.63		0
	75	0	20.01	19.77	20.02	19.70		0
64QAM	1	0	20.02	19.64	19.90	19.60	0-2	0
	1	36	19.92	19.76	19.70	19.68		0
	1	74	19.87	19.72	19.90	19.39		0
	36	0	19.34	19.06	19.26	19.03	0-3	0.5
	36	18	19.37	19.17	19.31	19.01		0.5
	36	37	19.33	19.13	19.28	18.90		0.5
	75	0	19.29	19.07	19.31	19.00		0.5
256QAM	1	0	17.23	16.93	17.14	16.88	0-5	2.5
	1	36	17.20	17.01	17.11	16.90		2.5
	1	74	17.21	17.07	17.16	16.90		2.5
	36	0	17.35	17.08	17.27	16.99		2.5
	36	18	17.37	17.14	17.34	16.98		2.5
	36	37	17.34	17.18	17.28	16.89		2.5
	75	0	17.32	17.05	17.07	16.98		2.5

Table H-103

LTE Band 48 Measured P_{Limit} for DSI = 0 (Body-worn or Phablet), or DSI = 4 (Earjack Active) - 10 MHz Bandwidth

LTE Band 48 10 MHz Bandwidth								
Modulation	RB Size	RB Offset	Low Channel	Low-Mid Channel	Mid-High Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			55290 (3555.0 MHz)	55757 (3601.7 MHz)	56223 (3648.3 MHz)	56690 (3695.0 MHz)		
			Conducted Power [dBm]					
QPSK	1	0	20.15	19.91	19.99	20.00	0	0
	1	25	20.14	19.95	20.07	20.06		0
	1	49	20.15	19.90	20.00	20.02		0
	25	0	20.16	19.88	20.07	20.04	0-1	0
	25	12	20.14	19.90	20.12	20.07		0
	25	25	20.12	19.88	20.03	19.97		0
	50	0	20.11	19.86	20.09	20.06		0
16QAM	1	0	19.94	19.89	19.96	19.77	0-1	0
	1	25	20.11	19.84	20.07	19.93		0
	1	49	20.05	19.92	20.00	19.85		0
	25	0	20.12	19.89	20.15	20.10	0-2	0
	25	12	20.17	19.91	20.19	20.11		0
	25	25	20.12	19.92	20.08	20.02		0
	50	0	20.06	19.88	20.14	20.09		0
64QAM	1	0	20.11	19.96	19.92	19.95	0-2	0
	1	25	20.08	20.00	20.15	19.94		0
	1	49	19.96	20.00	20.02	19.96		0
	25	0	19.43	19.22	19.43	19.43	0-3	0.5
	25	12	19.52	19.23	19.48	19.45		0.5
	25	25	19.44	19.25	19.41	19.38		0.5
	50	0	19.38	19.20	19.45	19.39		0.5
256QAM	1	0	17.32	17.10	17.38	17.24	0-5	2.5
	1	25	17.41	17.24	17.45	17.29		2.5
	1	49	17.32	17.19	17.38	17.18		2.5
	25	0	17.47	17.20	17.42	17.37		2.5
	25	12	17.53	17.23	17.47	17.42		2.5
	25	25	17.44	17.21	17.37	17.35		2.5
	50	0	17.43	17.22	17.44	17.39		2.5

FCC ID: A3LSMF731U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 54 of 188

Table H-104
LTE Band 48 Measured P_{Limit} for DSI = 0 (Body-worn or Phablet), or DSI = 4 (Earjack Active) - 5 MHz Bandwidth

LTE Band 48 5 MHz Bandwidth								
Modulation	RB Size	RB Offset	Low Channel	Low-Mid Channel	Mid-High Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			55265 (3552.5 MHz)	55748 (3600.8 MHz)	56232 (3649.2 MHz)	56715 (3697.5 MHz)		
			Conducted Power [dBm]					
QPSK	1	0	20.08	19.79	19.91	19.99	0	0
	1	12	20.19	19.87	20.04	20.06		0
	1	24	20.12	19.79	19.97	19.99		0
	12	0	20.15	19.88	20.08	20.04	0-1	0
	12	6	20.12	19.94	20.10	20.08		0
	12	13	20.12	19.87	20.02	20.08		0
16QAM	25	0	20.09	19.82	20.08	20.07	0-1	0
	1	0	20.03	19.78	19.91	20.01		0
	1	12	20.11	19.91	20.02	20.20		0
	1	24	20.12	19.79	19.93	20.01	0-2	0
	12	0	20.13	19.90	20.09	20.08		0
	12	6	20.13	19.93	20.16	20.12		0
64QAM	12	13	20.09	19.80	20.04	20.13	0-2	0
	25	0	20.10	19.86	20.13	20.11		0
	1	0	20.12	19.79	20.05	19.95		0
	1	12	20.11	19.99	20.15	20.09	0-3	0
	1	24	20.08	19.89	19.99	19.92		0
	12	0	19.43	19.22	19.46	19.41		0.5
256QAM	12	6	19.42	19.25	19.53	19.44	0-3	0.5
	12	13	19.37	19.16	19.45	19.53		0.5
	25	0	19.39	19.16	19.44	19.42		0.5
	1	0	17.43	17.23	17.22	17.26	0-5	2.5
	1	12	17.56	17.37	17.51	17.32		2.5
	1	24	17.32	17.22	17.13	17.23		2.5
12	0	17.48	17.25	17.44	17.36	2.5		
12	6	17.48	17.27	17.49	17.41	2.5		
	12	13	17.45	17.23	17.35	17.38	2.5	
	25	0	17.41	17.14	17.46	17.38	2.5	

Table H-105
LTE Band 48 Measured P_{Limit} for DSI = 2 (Head) or DSI = 3 (Hotspot Mode) - 15 MHz Bandwidth

LTE Band 48								
15 MHz Bandwidth								
Modulation	RB Size	RB Offset	Low Channel	Low-Mid Channel	Mid-High Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			55315 (3557.5 MHz)	55765 (3602.5 MHz)	56215 (3647.5 MHz)	56665 (3692.5 MHz)		
			Conducted Power [dBm]					
QPSK	1	0	14.65	14.21	14.18	14.16	0	0
	1	36	14.71	14.20	13.95	14.20		0
	1	74	14.62	14.18	14.03	14.19		0
	36	0	14.87	14.19	14.15	14.33	0-1	0
	36	18	14.88	14.20	14.21	14.35		0
	36	37	14.82	14.16	14.20	14.32		0
16QAM	75	0	14.78	14.23	14.21	14.37	0-1	0
	1	0	14.78	14.06	13.97	14.18		0
	1	36	14.72	14.05	14.15	14.28		0
	1	74	14.65	13.95	14.23	14.11	0-2	0
	36	0	14.86	14.20	14.13	14.38		0
	36	18	14.91	14.25	14.20	14.38		0
64QAM	36	37	14.86	14.18	14.19	14.33	0-2	0
	75	0	14.81	14.24	14.20	14.37		0
	1	0	14.90	14.26	13.95	14.26		0
	1	36	14.83	14.24	14.02	14.30	0-3	0
	1	74	14.79	14.14	14.16	14.30		0
	36	0	14.90	14.21	14.14	14.35		0
256QAM	36	18	14.91	14.26	14.20	14.37	0-3	0
	36	37	14.86	14.19	14.18	14.32		0
	75	0	14.84	14.26	14.20	14.37		0
	1	0	14.77	14.20	13.99	14.27	0-5	0
	1	36	14.80	14.28	14.14	14.24		0
	1	74	14.73	14.20	14.32	14.29		0
36	0	14.88	14.23	14.15	14.35	0		
36	18	14.93	14.26	14.22	14.39	0		
36	37	14.85	14.18	14.21	14.33	0		
	75	0	14.84	14.28	14.24	14.39		0

FCC ID: A3LSMF731U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 55 of 188

Table H-106
LTE Band 48 Measured P_{Limit} for DSI = 2 (Head) or DSI = 3 (Hotspot Mode) - 10 MHz Bandwidth

LTE Band 48 10 MHz Bandwidth								
Modulation	RB Size	RB Offset	Low Channel	Low-Mid Channel	Mid-High Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			55290 (3555.0 MHz)	55757 (3601.7 MHz)	56223 (3648.3 MHz)	56690 (3695.0 MHz)		
			Conducted Power [dBm]					
QPSK	1	0	14.80	14.25	14.10	14.48	0	0
	1	25	14.81	14.29	14.31	14.54		0
	1	49	14.74	14.16	14.24	14.50		0
	25	0	15.02	14.27	14.26	14.56	0-1	0
	25	12	15.05	14.36	14.32	14.59		0
	25	25	14.99	14.26	14.23	14.54		0
	50	0	14.90	14.23	14.27	14.55		0
16QAM	1	0	14.89	14.27	14.32	14.43	0-1	0
	1	25	14.90	14.27	14.34	14.50		0
	1	49	14.81	14.21	14.35	14.47		0
	25	0	15.04	14.28	14.26	14.52	0-2	0
	25	12	15.07	14.35	14.31	14.61		0
	25	25	14.99	14.26	14.25	14.48		0
	50	0	14.99	14.25	14.27	14.54		0
64QAM	1	0	14.89	14.33	14.13	14.51	0-2	0
	1	25	14.91	14.33	14.31	14.51		0
	1	49	14.87	14.25	14.30	14.55		0
	25	0	15.05	14.33	14.23	14.53	0-3	0
	25	12	15.11	14.34	14.28	14.60		0
	25	25	14.98	14.29	14.26	14.48		0
	50	0	15.00	14.27	14.28	14.54		0
256QAM	1	0	14.91	14.34	14.19	14.49	0-5	0
	1	25	14.91	14.40	14.33	14.57		0
	1	49	14.72	14.13	14.29	14.44		0
	25	0	15.07	14.31	14.30	14.53		0
	25	12	14.98	14.37	14.35	14.59		0
	25	25	14.92	14.29	14.28	14.47		0
	50	0	14.98	14.28	14.31	14.57		0

Table H-107
LTE Band 48 Measured P_{Limit} for DSI = 2 (Head) or DSI = 3 (Hotspot Mode) - 5 MHz Bandwidth

LTE Band 48 5 MHz Bandwidth								
Modulation	RB Size	RB Offset	Low Channel	Low-Mid Channel	Mid-High Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			55265 (3552.5 MHz)	55748 (3600.8 MHz)	56232 (3649.2 MHz)	56715 (3697.5 MHz)		
			Conducted Power [dBm]					
QPSK	1	0	14.90	14.23	14.16	14.48	0	0
	1	12	14.89	14.31	14.25	14.54		0
	1	24	14.93	14.27	14.23	14.48		0
	12	0	15.00	14.30	14.27	14.53	0-1	0
	12	6	14.96	14.33	14.30	14.58		0
	12	13	14.97	14.23	14.23	14.49		0
	25	0	14.87	14.27	14.29	14.54		0
16QAM	1	0	14.89	14.19	14.18	14.45	0-1	0
	1	12	14.84	14.28	14.40	14.50		0
	1	24	14.78	14.19	14.24	14.46		0
	12	0	14.99	14.30	14.20	14.51	0-2	0
	12	6	14.98	14.36	14.28	14.52		0
	12	13	14.97	14.24	14.23	14.50		0
	25	0	14.97	14.26	14.27	14.54		0
64QAM	1	0	14.76	14.20	14.07	14.41	0-2	0
	1	12	14.88	14.31	14.21	14.55		0
	1	24	14.86	14.28	14.16	14.45		0
	12	0	15.03	14.27	14.26	14.51	0-3	0
	12	6	15.02	14.30	14.32	14.55		0
	12	13	14.96	14.20	14.21	14.43		0
	25	0	14.95	14.33	14.27	14.50		0
256QAM	1	0	14.86	14.16	14.26	14.49	0-5	0
	1	12	14.89	14.31	14.29	14.55		0
	1	24	14.67	14.20	14.15	14.34		0
	12	0	15.02	14.32	14.26	14.52		0
	12	6	14.96	14.34	14.31	14.60		0
	12	13	14.94	14.26	14.24	14.44		0
	25	0	14.94	14.33	14.28	14.53		0

FCC ID: A3LSMF731U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 56 of 188

H.2 NR Lower Bandwidth RF Conducted Powers

Per FCC guidance, NR Band n77 C-band and DoD lower Bandwidth conducted powers are required only on channels corresponding to the largest BW.

H.2.1 NR Band n71

Table H-108

NR Band n71 Measured P_{Max} for DSI = 0 (Body-worn or Phablet), DSI = 2 (Head), or DSI = 4 (Earjack Active) - 15 MHz Bandwidth

NR Band n71 15 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			136100 (680.5 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	24.56	0	0.0
	1	40	24.59		0.0
	1	77	24.53		0.0
	36	0	23.77	0-1	1.0
	36	22	24.79	0	0.0
	36	43	23.71	0-1	1.0
	75	0	23.85		1.0
DFT-s-OFDM 16QAM	1	1	23.75	0-1	1.0
CP-OFDM QPSK	1	1	23.23	0-1.5	1.5

Table H-109

NR Band n71 Measured P_{Max} for DSI = 0 (Body-worn or Phablet), DSI = 2 (Head), or DSI = 4 (Earjack Active) - 10 MHz Bandwidth

NR Band n71 10 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	133600 (668 MHz)	136100 (680.5 MHz)	138600 (693 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	24.43	24.62	24.36	0	0.0
	1	26	24.39	24.59	24.23		0.0
	1	50	24.54	24.53	24.08		0.0
	25	0	23.50	23.66	23.46	0-1	1.0
	25	14	24.57	24.73	24.36	0	0.0
	25	27	23.62	23.65	23.33	0-1	1.0
	50	0	23.57	23.64	23.37		1.0
DFT-s-OFDM 16QAM	1	1	23.66	23.79	23.75	0-1	1.0
CP-OFDM QPSK	1	1	22.97	23.07	22.87	0-1.5	1.5

FCC ID: A3LSMF731U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 57 of 188

Table H-110
NR Band n71 Measured P_{Max} for DSI = 0 (Body-worn or Phablet), DSI = 2 (Head), or DSI = 4 (Earjack Active) – 5 MHz Bandwidth

NR Band n71 5 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	133100 (665.5 MHz)	136100 (680.5 MHz)	139100 (695.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	24.47	24.51	24.26	0	0.0
	1	13	24.42	24.59	24.25		0.0
	1	23	24.35	24.58	24.12		0.0
	12	0	23.46	23.65	23.37	0-1	1.0
	12	7	24.54	24.69	24.36	0	0.0
	12	13	23.51	23.65	23.32	0-1	1.0
	25	0	23.52	23.68	23.37		1.0
DFT-s-OFDM 16QAM	1	1	23.68	23.84	23.53	0-1	1.0
CP-OFDM QPSK	1	1	23.00	23.01	22.78	0-1.5	1.5

Table H-111
NR Band n71 Measured P_{Limit} for DSI = 3 (Hotspot Mode) – 15 MHz Bandwidth

NR Band n71 15 MHz Bandwidth						
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]	
			136100 (680.5 MHz)			
			Conducted Power [dBm]			
DFT-s-OFDM QPSK	1	1	22.88	0	0.0	
	1	40	22.81		0.0	
	1	77	22.76		0.0	
	36	0	22.94	0-1	0.0	
	36	22	22.99	0	0.0	
	36	43	22.95	0-1	0.0	
	75	0	23.03		0.0	
DFT-s-OFDM 16QAM	1	1	23.13	0-1	0.0	
CP-OFDM QPSK	1	1	22.91	0-1.5	0.3	

FCC ID: A3LSMF731U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 58 of 188

Table H-112
NR Band n71 Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 10 MHz Bandwidth
NR Band n71
10 MHz Bandwidth

			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	133600 (668 MHz)	136100 (680.5 MHz)	138600 (693 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	22.60	22.70	22.59	0	0.0
	1	26	22.58	22.75	22.41		0.0
	1	50	22.68	22.69	22.26		0.0
	25	0	22.70	22.84	22.69	0-1	0.0
	25	14	22.66	22.86	22.66	0	0.0
	25	27	22.71	22.84	22.45	0-1	0.0
	50	0	22.66	22.79	22.61		0.0
DFT-s-OFDM 16QAM	1	1	22.87	22.93	22.96	0-1	0.0
CP-OFDM QPSK	1	1	22.67	22.69	22.62	0-1.5	0.3

Table H-113
NR Band n71 Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 5 MHz Bandwidth
NR Band n71
5 MHz Bandwidth

			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	133100 (665.5 MHz)	136100 (680.5 MHz)	139100 (695.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	22.32	22.45	22.15	0	0.0
	1	13	22.35	22.55	22.19		0.0
	1	23	22.28	22.43	22.05		0.0
	12	0	22.46	22.57	22.33	0-1	0.0
	12	7	22.47	22.69	22.31	0	0.0
	12	13	22.45	22.78	22.28	0-1	0.0
	25	0	22.47	22.62	22.29		0.0
DFT-s-OFDM 16QAM	1	1	22.55	22.72	22.47	0-1	0.0
CP-OFDM QPSK	1	1	22.43	22.56	22.37	0-1.5	0.3

FCC ID: A3LSMF731U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 59 of 188

H.2.2 NR Band n12

Table H-114
NR Band n12 Measured P_{Max} for DSI = 0 (Body-worn or Phablet), DSI = 2 (Head), or DSI = 4 (Earjack Active) - 10 MHz Bandwidth

NR Band n12 10 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			141500 (707.5 MHz) Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	24.11	0	0.0
	1	26	24.07		0.0
	1	50	24.07		0.0
	25	0	23.29	0-1	1.0
	25	14	24.21	0	0.0
	25	27	23.20	0-1	1.0
	50	0	23.24		1.0
DFT-s-OFDM 16QAM	1	1	23.61	0-1	1.0
CP-OFDM QPSK	1	1	22.75	0-1.5	1.5

Table H-115
NR Band n12 Measured P_{Max} for DSI = 0 (Body-worn or Phablet), DSI = 2 (Head), or DSI = 4 (Earjack Active) - 5 MHz Bandwidth

NR Band n12 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			140300 (701.5 MHz)	141500 (707.5 MHz)	142700 (713.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	24.20	24.05	24.06	0	0.0
	1	13	24.15	24.03	24.01		0.0
	1	23	24.10	24.00	23.93		0.0
	12	0	23.29	23.23	23.18	0-1	1.0
	12	7	24.29	24.19	24.16	0	0.0
	12	13	23.21	23.16	23.10	0-1	1.0
	25	0	23.27	23.20	23.20		1.0
DFT-s-OFDM 16QAM	1	1	23.49	23.44	23.43	0-1	1.0
CP-OFDM QPSK	1	1	22.81	22.68	22.74	0-1.5	1.5

FCC ID: A3LSMF731U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 60 of 188

Table H-116
NR Band n12 Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 10 MHz Bandwidth

NR Band n12 10 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			141500 (707.5 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	22.74	0	0.0
	1	26	22.63		0.0
	1	50	22.66		0.0
	25	0	22.86	0-1	0.0
	25	14	22.82	0	0.0
	25	27	22.79	0-1	0.0
	50	0	22.83		0.0
DFT-s-OFDM 16QAM	1	1	23.19	0-1	0.0
CP-OFDM QPSK	1	1	22.42	0-1.5	0.5

Table H-117
NR Band n12 Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 5 MHz Bandwidth

NR Band n12 5 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	140300 (701.5 MHz)	141500 (707.5 MHz)	142700 (713.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	22.75	22.69	22.59	0	0.0
	1	13	22.70	22.66	22.57		0.0
	1	23	22.69	22.62	22.50		0.0
	12	0	22.88	22.82	22.80	0-1	0.0
	12	7	22.82	22.79	22.75	0	0.0
	12	13	22.81	22.78	22.72	0-1	0.0
	25	0	22.85	22.82	22.78		0.0
DFT-s-OFDM 16QAM	1	1	23.10	23.07	23.00	0-1	0.0
CP-OFDM QPSK	1	1	22.47	22.36	22.35	0-1.5	0.5

FCC ID: A3LSMF731U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 61 of 188

H.2.3 NR Band n26

Table H-118

NR Band n26 Measured P_{Max} for DSI = 0 (Body-worn or Phablet), DSI = 2 (Head), or DSI = 4 (Earjack Active) - 15 MHz Bandwidth

NR Band n26 15 MHz Bandwidth						
			Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	164300 (821.5 MHz)	168300 (841.5 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM QPSK	1	1	24.24	24.19	0	0.0
	1	40	24.22	23.89		0.0
	1	77	24.26	23.78		0.0
	36	0	23.40	23.26	0-1	1.0
	36	22	24.42	24.23	0	0.0
	36	43	23.43	23.10	0-1	1.0
	75	0	23.50	23.22		1.0
DFT-s-OFDM 16QAM	1	1	23.15	23.67	0-1	1.0
CP-OFDM QPSK	1	1	22.69	22.82	0-1.5	1.5

Table H-119

NR Band n26 Measured P_{Max} for DSI = 0 (Body-worn or Phablet), DSI = 2 (Head), or DSI = 4 (Earjack Active) - 10 MHz Bandwidth

NR Band n26 10 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	163800 (819 MHz)	166300 (831.5 MHz)	168800 (844 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	24.14	24.04	23.89	0	0.0
	1	26	24.22	24.15	23.80		0.0
	1	50	24.02	24.04	23.67		0.0
	25	0	23.38	23.32	23.07	0-1	1.0
	25	14	24.40	24.33	24.02	0	0.0
	25	27	23.35	23.29	22.94	0-1	1.0
	50	0	23.40	23.27	23.00		1.0
DFT-s-OFDM 16QAM	1	1	23.57	23.62	23.49	0-1	1.0
CP-OFDM QPSK	1	1	22.66	22.61	22.41	0-1.5	1.5

FCC ID: A3LSMF731U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 62 of 188

Table H-120
NR Band n26 Measured P_{Max} for DSI = 0 (Body-worn or Phablet), DSI = 2 (Head), or DSI = 4 (Earjack Active) - 5 MHz Bandwidth

NR Band n26 5 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	163300 (816.5 MHz)	166300 (831.5 MHz)	169300 (846.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	24.13	24.12	23.77	0	0.0
	1	13	24.20	24.14	24.09		0.0
	1	23	24.11	24.08	23.71		0.0
	12	0	23.30	23.29	22.88	0-1	1.0
	12	7	24.35	24.27	23.92	0	0.0
	12	13	23.38	23.28	22.86	0-1	1.0
	25	0	23.37	23.36	22.83		1.0
DFT-s-OFDM 16QAM	1	1	23.64	23.65	23.23	0-1	1.0
CP-OFDM QPSK	1	1	22.69	22.72	22.71	0-1.5	1.5

Table H-121
NR Band n26 Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 15 MHz Bandwidth

NR Band n26 15 MHz Bandwidth						
			Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	164300 (821.5 MHz)	168300 (841.5 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM QPSK	1	1	22.19	22.13	0	0.0
	1	40	22.13	21.92		0.0
	1	77	22.21	21.77		0.0
	36	0	22.29	22.15	0-1	0.0
	36	22	22.34	22.11	0	0.0
	36	43	22.34	21.99	0-1	0.0
	75	0	22.38	22.17		0.0
DFT-s-OFDM 16QAM	1	1	22.65	22.56	0-1	0.0
CP-OFDM QPSK	1	1	22.29	22.27	0-1.5	0.0

FCC ID: A3LSMF731U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 63 of 188

Table H-122
NR Band n26 Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 10 MHz Bandwidth

NR Band n26 10 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	163800 (819 MHz)	166300 (831.5 MHz)	168800 (844 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	22.07	22.03	21.91	0	0.0
	1	26	22.16	22.14	21.79		0.0
	1	50	22.02	21.99	21.72		0.0
	25	0	22.32	22.26	21.97	0-1	0.0
	25	14	22.29	22.24	21.95	0	0.0
	25	27	22.29	22.21	21.91	0-1	0.0
	50	0	22.34	22.16	21.93		0.0
DFT-s-OFDM 16QAM	1	1	22.57	22.50	22.22	0-1	0.0
CP-OFDM QPSK	1	1	22.15	22.05	21.92	0-1.5	0.0

Table H-123
NR Band n26 Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 5 MHz Bandwidth

NR Band n26 5 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	163300 (816.5 MHz)	166300 (831.5 MHz)	169300 (846.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	22.12	22.06	21.78	0	0.0
	1	13	22.13	22.09	21.72		0.0
	1	23	22.09	22.03	21.70		0.0
	12	0	22.22	22.21	21.93	0-1	0.0
	12	7	22.34	22.26	21.88	0	0.0
	12	13	22.27	22.25	21.86	0-1	0.0
	25	0	22.29	22.27	21.87		0.0
DFT-s-OFDM 16QAM	1	1	22.60	22.50	22.25	0-1	0.0
CP-OFDM QPSK	1	1	22.16	22.08	21.80	0-1.5	0.0

FCC ID: A3LSMF731U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 64 of 188

H.2.4 NR Band n66 Antenna A

Table H-124

NR Band n66 Antenna A Measured P_{Max} for DSI = 2 (Head) - 30 MHz Bandwidth

NR Band n66 30 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			349000 (1745 MHz) Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	24.28	0	0.0
	1	80	24.41		0.0
	1	158	24.59		0.0
	80	0	23.50	0-1	1.0
	80	40	24.60	0	0.0
	80	80	23.73	0-1	1.0
	160	0	23.61		1.0
DFT-s-OFDM 16QAM	1	1	23.50	0-1	1.0
CP-OFDM QPSK	1	1	22.91	0-1.5	1.5

Table H-125

NR Band n66 Antenna A Measured P_{Max} for DSI = 2 (Head) - 25 MHz Bandwidth

NR Band n66 25 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			349000 (1745 MHz) Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	24.20	0	0.0
	1	67	23.89		0.0
	1	131	24.43		0.0
	64	0	22.92	0-1	1.0
	64	35	23.91	0	0.0
	64	69	22.97	0-1	1.0
	128	0	23.01		1.0
DFT-s-OFDM 16QAM	1	1	23.26	0-1	1.0
CP-OFDM QPSK	1	1	23.15	0-1.5	1.5

FCC ID: A3LSMF731U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 65 of 188

Table H-126
NR Band n66 Antenna A Measured P_{Max} for DSI = 2 (Head) - 20 MHz Bandwidth
NR Band n66
20 MHz Bandwidth

			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	344000 (1720 MHz)	349000 (1745 MHz)	354000 (1770 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	23.85	24.18	24.51	0	0.0
	1	53	23.98	24.16	24.55		0.0
	1	104	23.57	24.37	24.55		0.0
	50	0	23.05	23.32	23.60	0-1	1.0
	50	28	24.18	24.40	24.71	0	0.0
	50	56	23.17	23.46	23.74	0-1	1.0
	100	0	23.13	23.39	23.60		1.0
DFT-s-OFDM 16QAM	1	1	22.70	23.48	23.31	0-1	1.0
CP-OFDM QPSK	1	1	22.34	22.66	23.04	0-1.5	1.5

Table H-127
NR Band n66 Antenna A Measured P_{Max} for DSI = 2 (Head) - 15 MHz Bandwidth
NR Band n66
15 MHz Bandwidth

			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	343500 (1717.5 MHz)	349000 (1745 MHz)	354500 (1772.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	23.78	24.12	24.39	0	0.0
	1	40	23.89	24.14	24.47		0.0
	1	77	23.73	24.31	24.51		0.0
	36	0	23.01	23.35	23.62	0-1	1.0
	36	22	24.13	24.39	24.65	0	0.0
	36	43	23.24	23.48	23.72	0-1	1.0
	75	0	23.13	23.43	23.72		1.0
DFT-s-OFDM 16QAM	1	1	23.19	23.49	23.78	0-1	1.0
CP-OFDM QPSK	1	1	22.49	22.78	22.99	0-1.5	1.5

FCC ID: A3LSMF731U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 66 of 188

Table H-128
NR Band n66 Antenna A Measured P_{Max} for DSI = 2 (Head) - 10 MHz Bandwidth
NR Band n66
10 MHz Bandwidth

			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	343000 (1715 MHz)	349000 (1745 MHz)	355000 (1775 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	23.78	24.07	24.42	0	0.0
	1	26	23.84	24.12	24.50		0.0
	1	50	23.54	24.25	24.41		0.0
	25	0	22.90	23.22	23.60	0-1	1.0
	25	14	24.00	24.28	24.59	0	0.0
	25	27	23.00	23.29	23.62	0-1	1.0
	50	0	22.98	23.27	23.63		1.0
DFT-s-OFDM 16QAM	1	1	23.20	23.46	23.80	0-1	1.0
CP-OFDM QPSK	1	1	22.36	22.72	22.98	0-1.5	1.5

Table H-129
NR Band n66 Antenna A Measured P_{Max} for DSI = 2 (Head) - 5 MHz Bandwidth
NR Band n66
5 MHz Bandwidth

			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	342500 (1712.5 MHz)	349000 (1745 MHz)	355500 (1777.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	23.72	24.03	24.42	0	0.0
	1	13	23.83	24.09	24.45		0.0
	1	23	23.68	24.27	24.40		0.0
	12	0	22.94	23.24	23.56	0-1	1.0
	12	7	23.98	24.28	24.55	0	0.0
	12	13	22.87	23.28	23.58	0-1	1.0
	25	0	22.82	23.27	23.58		1.0
DFT-s-OFDM 16QAM	1	1	23.16	23.49	23.79	0-1	1.0
CP-OFDM QPSK	1	1	22.34	22.64	22.99	0-1.5	1.5

FCC ID: A3LSMF731U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 67 of 188

Table H-130

NR Band n66 Antenna A Measured P_{Limit} for DSI = 0 (Body-worn or Phablet), or DSI = 4 (Earjack Active) - 30 MHz Bandwidth

NR Band n66 30 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			349000 (1745 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	19.74	0	0.0
	1	80	19.61		0.0
	1	158	19.47		0.0
	80	0	19.82	0-1	0.0
	80	40	19.83	0	0.0
	80	80	19.86	0-1	0.0
	160	0	19.83		0.0
DFT-s-OFDM 16QAM	1	1	20.26	0-1	0.0
CP-OFDM QPSK	1	1	19.90	0-1.5	0.0

Table H-131

NR Band n66 Antenna A Measured P_{Limit} for DSI = 0 (Body-worn or Phablet), or DSI = 4 (Earjack Active) - 25 MHz Bandwidth

NR Band n66 25 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			349000 (1745 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	19.55	0	0.0
	1	67	19.45		0.0
	1	131	19.51		0.0
	64	0	19.42	0-1	0.0
	64	35	19.44	0	0.0
	64	69	19.51	0-1	0.0
	128	0	19.46		0.0
DFT-s-OFDM 16QAM	1	1	19.62	0-1	0.0
CP-OFDM QPSK	1	1	19.49	0-1.5	0.0

FCC ID: A3LSMF731U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 68 of 188

Table H-132

NR Band n66 Antenna A Measured P_{Limit} for DSI = 0 (Body-worn or Phablet), or DSI = 4 (Earjack Active) - 20 MHz Bandwidth

NR Band n66 20 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	344000 (1720 MHz)	349000 (1745 MHz)	354000 (1770 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	19.82	19.57	19.47	0	0.0
	1	53	19.61	19.51	19.51		0.0
	1	104	19.67	19.48	19.53		0.0
	50	0	19.91	19.71	19.69	0-1	0.0
	50	28	19.86	19.74	19.67	0	0.0
	50	56	19.79	19.73	19.81	0-1	0.0
	100	0	19.90	19.71	19.69		0.0
DFT-s-OFDM 16QAM	1	1	20.26	19.92	19.92	0-1	0.0
CP-OFDM QPSK	1	1	19.89	19.65	19.62	0-1.5	0.0

Table H-133

NR Band n66 Antenna A Measured P_{Limit} for DSI = 0 (Body-worn or Phablet), or DSI = 4 (Earjack Active) - 15 MHz Bandwidth

NR Band n66 15 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	343500 (1717.5 MHz)	349000 (1745 MHz)	354500 (1772.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	19.80	19.50	19.42	0	0.0
	1	40	19.61	19.43	19.54		0.0
	1	77	19.60	19.46	19.54		0.0
	36	0	19.90	19.71	19.69	0-1	0.0
	36	22	19.85	19.67	19.63	0	0.0
	36	43	19.85	19.66	19.77	0-1	0.0
	75	0	19.86	19.69	19.65		0.0
DFT-s-OFDM 16QAM	1	1	20.14	19.89	19.92	0-1	0.0
CP-OFDM QPSK	1	1	19.82	19.59	19.55	0-1.5	0.0

FCC ID: A3LSMF731U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 69 of 188

Table H-134

NR Band n66 Antenna A Measured P_{Limit} for DSI = 0 (Body-worn or Phablet), or DSI = 4 (Earjack Active) - 10 MHz Bandwidth

NR Band n66 10 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	343000 (1715 MHz)	349000 (1745 MHz)	355000 (1775 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	19.75	19.44	19.56	0	0.0
	1	26	19.83	19.47	19.57		0.0
	1	50	19.66	19.36	19.47		0.0
	25	0	19.93	19.60	19.70	0-1	0.0
	25	14	19.80	19.57	19.72	0	0.0
	25	27	19.82	19.57	19.68	0-1	0.0
	50	0	19.81	19.58	19.67		0.0
DFT-s-OFDM 16QAM	1	1	20.14	19.77	19.94	0-1	0.0
CP-OFDM QPSK	1	1	19.81	19.46	19.58	0-1.5	0.0

Table H-135

NR Band n66 Antenna A Measured P_{Limit} for DSI = 0 (Body-worn or Phablet), or DSI = 4 (Earjack Active) - 5 MHz Bandwidth

NR Band n66 5 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	342500 (1712.5 MHz)	349000 (1745 MHz)	355500 (1777.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	19.65	19.38	19.51	0	0.0
	1	13	19.63	19.40	19.56		0.0
	1	23	19.64	19.35	19.52		0.0
	12	0	19.76	19.55	19.70	0-1	0.0
	12	7	19.78	19.55	19.68	0	0.0
	12	13	19.80	19.58	19.67	0-1	0.0
	25	0	19.82	19.53	19.70		0.0
DFT-s-OFDM 16QAM	1	1	20.13	19.78	19.89	0-1	0.0
CP-OFDM QPSK	1	1	19.67	19.43	19.58	0-1.5	0.0

FCC ID: A3LSMF731U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 70 of 188

Table H-136
NR Band n66 Antenna A Measured P_{Limit} for DSI = 3 (Hotspot Mode) – 30 MHz Bandwidth

NR Band n66 30 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			349000 (1745 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	17.82	0	0.0
	1	80	17.69		0.0
	1	158	17.63		0.0
	80	0	17.90	0-1	0.0
	80	40	17.92	0	0.0
	80	80	17.94	0-1	0.0
	160	0	17.93		0.0
DFT-s-OFDM 16QAM	1	1	18.31	0-1	0.0
CP-OFDM QPSK	1	1	17.92	0-1.5	0.0

Table H-137
NR Band n66 Antenna A Measured P_{Limit} for DSI = 3 (Hotspot Mode) – 25 MHz Bandwidth

NR Band n66 25 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			349000 (1745 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	17.71	0	0.0
	1	67	17.53		0.0
	1	131	17.64		0.0
	64	0	17.52	0-1	0.0
	64	35	17.53	0	0.0
	64	69	17.59	0-1	0.0
	128	0	17.45		0.0
DFT-s-OFDM 16QAM	1	1	17.60	0-1	0.0
CP-OFDM QPSK	1	1	17.71	0-1.5	0.0

FCC ID: A3LSMF731U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 71 of 188

Table H-138
NR Band n66 Antenna A Measured P_{Limit} for DSI = 3 (Hotspot Mode) – 20 MHz Bandwidth

NR Band n66 20 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	344000 (1720 MHz)	349000 (1745 MHz)	354000 (1770 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	17.88	17.66	17.61	0	0.0
	1	53	17.71	17.58	17.59		0.0
	1	104	17.77	17.58	17.69		0.0
	50	0	17.94	17.82	17.81	0-1	0.0
	50	28	17.95	17.78	17.75	0	0.0
	50	56	17.82	17.80	17.87	0-1	0.0
	100	0	17.95	17.78	17.76		0.0
DFT-s-OFDM 16QAM	1	1	18.32	17.95	18.10	0-1	0.0
CP-OFDM QPSK	1	1	17.92	17.73	17.70	0-1.5	0.0

Table H-139
NR Band n66 Antenna A Measured P_{Limit} for DSI = 3 (Hotspot Mode) – 15 MHz Bandwidth

NR Band n66 15 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	343500 (1717.5 MHz)	349000 (1745 MHz)	354500 (1772.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	17.85	17.61	17.54	0	0.0
	1	40	17.71	17.54	17.62		0.0
	1	77	17.68	17.59	17.63		0.0
	36	0	17.93	17.80	17.73	0-1	0.0
	36	22	17.90	17.72	17.68	0	0.0
	36	43	17.92	17.74	17.81	0-1	0.0
	75	0	17.97	17.77	17.74		0.0
DFT-s-OFDM 16QAM	1	1	18.34	18.06	17.97	0-1	0.0
CP-OFDM QPSK	1	1	17.97	17.67	17.60	0-1.5	0.0

FCC ID: A3LSMF731U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 72 of 188

Table H-140
NR Band n66 Antenna A Measured P_{Limit} for DSI = 3 (Hotspot Mode) – 10 MHz Bandwidth

NR Band n66 10 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	343000 (1715 MHz)	349000 (1745 MHz)	355000 (1775 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	17.84	17.47	17.63	0	0.0
	1	26	17.84	17.52	17.64		0.0
	1	50	17.72	17.45	17.54		0.0
	25	0	18.00	17.68	17.77	0-1	0.0
	25	14	17.88	17.65	17.78	0	0.0
	25	27	17.86	17.60	17.77	0-1	0.0
	50	0	17.87	17.65	17.77		0.0
DFT-s-OFDM 16QAM	1	1	18.29	17.95	17.99	0-1	0.0
CP-OFDM QPSK	1	1	17.86	17.49	17.65	0-1.5	0.0

Table H-141
NR Band n66 Antenna A Measured P_{Limit} for DSI = 3 (Hotspot Mode) – 5 MHz Bandwidth

NR Band n66 5 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	342500 (1712.5 MHz)	349000 (1745 MHz)	355500 (1777.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	17.75	17.48	17.61	0	0.0
	1	13	17.79	17.54	17.64		0.0
	1	23	17.73	17.49	17.61		0.0
	12	0	17.91	17.64	17.71	0-1	0.0
	12	7	17.92	17.63	17.74	0	0.0
	12	13	17.90	17.65	17.74	0-1	0.0
	25	0	17.93	17.63	17.73		0.0
DFT-s-OFDM 16QAM	1	1	18.20	17.95	17.82	0-1	0.0
CP-OFDM QPSK	1	1	17.77	17.52	17.64	0-1.5	0.0

FCC ID: A3LSMF731U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 73 of 188

H.2.5 NR Band n66 Antenna I

Table H-142

NR Band n66 Antenna I Measured P_{Limit} for DSI = 0 (Body-worn or Phablet), or DSI = 4 (Earjack Active) - 30 MHz Bandwidth

NR Band n66 30 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			349000 (1745 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	21.48	0	0.0
	1	80	21.48		0.0
	1	158	21.45		0.0
	80	0	21.38	0-1	0.0
	80	40	21.45	0	0.0
	80	80	21.54	0-1	0.0
	160	0	21.45		0.0
DFT-s-OFDM 16QAM	1	1	21.43	0-1	0.0
CP-OFDM QPSK	1	1	21.55	0-1.5	0.0

Table H-143

NR Band n66 Antenna I Measured P_{Limit} for DSI = 0 (Body-worn or Phablet), or DSI = 4 (Earjack Active) - 25 MHz Bandwidth

NR Band n66 25 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			349000 (1745 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	20.72	0	0.0
	1	67	20.33		0.0
	1	131	20.65		0.0
	64	0	20.46	0-1	0.0
	64	35	20.41	0	0.0
	64	69	20.44	0-1	0.0
	128	0	20.39		0.0
DFT-s-OFDM 16QAM	1	1	20.73	0-1	0.0
CP-OFDM QPSK	1	1	21.18	0-1.5	0.0

FCC ID: A3LSMF731U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 74 of 188

Table H-144

NR Band n66 Antenna I Measured P_{Limit} for DSI = 0 (Body-worn or Phablet), or DSI = 4 (Earjack Active) - 20 MHz Bandwidth

NR Band n66 20 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	344000 (1720 MHz)	349000 (1745 MHz)	354000 (1770 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	21.61	21.34	21.32	0	0.0
	1	53	21.48	21.24	21.29		0.0
	1	104	21.41	21.33	21.52		0.0
	50	0	21.49	21.30	21.34	0-1	0.0
	50	28	21.47	21.24	21.34	0	0.0
	50	56	21.46	21.25	21.40	0-1	0.0
	100	0	21.51	21.26	21.34		0.0
DFT-s-OFDM 16QAM	1	1	21.66	21.27	21.21	0-1	0.0
CP-OFDM QPSK	1	1	21.65	21.40	21.33	0-1.5	0.0

Table H-145

NR Band n66 Antenna I Measured P_{Limit} for DSI = 0 (Body-worn or Phablet), or DSI = 4 (Earjack Active) - 15 MHz Bandwidth

NR Band n66 15 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	343500 (1717.5 MHz)	349000 (1745 MHz)	354500 (1772.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	21.62	21.32	21.35	0	0.0
	1	40	21.48	21.22	21.36		0.0
	1	77	21.52	21.40	21.57		0.0
	36	0	21.55	21.34	21.32	0-1	0.0
	36	22	21.46	21.24	21.37	0	0.0
	36	43	21.52	21.26	21.41	0-1	0.0
	75	0	21.57	21.26	21.38		0.0
DFT-s-OFDM 16QAM	1	1	21.61	21.38	21.29	0-1	0.0
CP-OFDM QPSK	1	1	21.63	21.34	21.33	0-1.5	0.0

FCC ID: A3LSMF731U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 75 of 188

Table H-146

NR Band n66 Antenna I Measured P_{Limit} for DSI = 0 (Body-worn or Phablet), or DSI = 4 (Earjack Active) - 10 MHz Bandwidth

NR Band n66 10 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	343000 (1715 MHz)	349000 (1745 MHz)	355000 (1775 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	21.38	21.21	21.36	0	0.0
	1	26	21.38	21.18	21.39		0.0
	1	50	21.34	21.15	21.37		0.0
	25	0	21.35	21.16	21.34	0-1	0.0
	25	14	21.34	21.17	21.33	0	0.0
	25	27	21.30	21.13	21.46	0-1	0.0
	50	0	21.37	21.15	21.33		0.0
DFT-s-OFDM 16QAM	1	1	21.35	21.27	21.45	0-1	0.0
CP-OFDM QPSK	1	1	21.45	21.22	21.38	0-1.5	0.0

Table H-147

NR Band n66 Antenna I Measured P_{Limit} for DSI = 0 (Body-worn or Phablet), or DSI = 4 (Earjack Active) - 5 MHz Bandwidth

NR Band n66 5 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	342500 (1712.5 MHz)	349000 (1745 MHz)	355500 (1777.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	21.35	21.17	21.29	0	0.0
	1	13	21.32	21.20	21.44		0.0
	1	23	21.32	21.19	21.35		0.0
	12	0	21.34	21.15	21.43	0-1	0.0
	12	7	21.33	21.17	21.44	0	0.0
	12	13	21.35	21.14	21.38	0-1	0.0
	25	0	21.31	21.11	21.41		0.0
DFT-s-OFDM 16QAM	1	1	21.36	21.24	21.41	0-1	0.0
CP-OFDM QPSK	1	1	21.31	21.23	21.30	0-1.5	0.0

FCC ID: A3LSMF731U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 76 of 188

Table H-148

NR Band n66 Antenna I Measured P_{Limit} for DSI = 2 (Head) or DSI = 3 (Hotspot Mode) - 30 MHz Bandwidth

NR Band n66 30 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			349000 (1745 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	17.12	0	0.0
	1	80	17.13		0.0
	1	158	17.12		0.0
	80	0	17.34	0-1	0.0
	80	40	17.34	0	0.0
	80	80	17.41	0-1	0.0
	160	0	17.38		0.0
DFT-s-OFDM 16QAM	1	1	17.66	0-1	0.0
CP-OFDM QPSK	1	1	17.25	0-1.5	0.0

Table H-149

NR Band n66 Antenna I Measured P_{Limit} for DSI = 2 (Head) or DSI = 3 (Hotspot Mode) - 25 MHz Bandwidth

NR Band n66 25 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			349000 (1745 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	17.37	0	0.0
	1	67	16.96		0.0
	1	131	17.36		0.0
	64	0	17.07	0-1	0.0
	64	35	17.02	0	0.0
	64	69	17.09	0-1	0.0
	128	0	16.93		0.0
DFT-s-OFDM 16QAM	1	1	17.35	0-1	0.0
CP-OFDM QPSK	1	1	17.40	0-1.5	0.0

FCC ID: A3LSMF731U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 77 of 188

Table H-150

NR Band n66 Antenna I Measured P_{Limit} for DSI = 2 (Head) or DSI = 3 (Hotspot Mode) - 20 MHz Bandwidth

NR Band n66 20 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	344000 (1720 MHz)	349000 (1745 MHz)	354000 (1770 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	17.38	17.12	17.04	0	0.0
	1	53	17.24	17.00	17.06		0.0
	1	104	17.17	17.00	17.23		0.0
	50	0	17.47	17.21	17.23	0-1	0.0
	50	28	17.38	17.19	17.17	0	0.0
	50	56	17.30	17.20	17.21	0-1	0.0
	100	0	17.35	17.20	17.17		0.0
DFT-s-OFDM 16QAM	1	1	17.25	17.50	17.10	0-1	0.0
CP-OFDM QPSK	1	1	17.39	17.18	17.01	0-1.5	0.0

Table H-151

NR Band n66 Antenna I Measured P_{Limit} for DSI = 2 (Head) or DSI = 3 (Hotspot Mode) - 15 MHz Bandwidth

NR Band n66 15 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	343500 (1717.5 MHz)	349000 (1745 MHz)	354500 (1772.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	17.53	17.09	16.91	0	0.0
	1	40	17.39	16.99	16.97		0.0
	1	77	17.33	17.08	17.07		0.0
	36	0	17.49	17.25	17.14	0-1	0.0
	36	22	17.40	17.16	17.18	0	0.0
	36	43	17.37	17.14	17.17	0-1	0.0
	75	0	17.44	17.19	17.21		0.0
DFT-s-OFDM 16QAM	1	1	17.36	17.50	17.39	0-1	0.0
CP-OFDM QPSK	1	1	17.45	17.20	17.07	0-1.5	0.0

FCC ID: A3LSMF731U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 78 of 188

Table H-152

NR Band n66 Antenna I Measured P_{Limit} for DSI = 2 (Head) or DSI = 3 (Hotspot Mode) - 10 MHz Bandwidth

NR Band n66 10 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	343000 (1715 MHz)	349000 (1745 MHz)	355000 (1775 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	17.14	16.96	17.01	0	0.0
	1	26	17.14	16.93	17.03		0.0
	1	50	17.04	16.87	17.05		0.0
	25	0	17.29	17.08	17.15	0-1	0.0
	25	14	17.22	17.08	17.16	0	0.0
	25	27	17.22	17.04	17.19	0-1	0.0
	50	0	17.24	17.07	17.13		0.0
DFT-s-OFDM 16QAM	1	1	17.50	17.35	17.42	0-1	0.0
CP-OFDM QPSK	1	1	17.15	17.01	17.04	0-1.5	0.0

Table H-153

NR Band n66 Antenna I Measured P_{Limit} for DSI = 2 (Head) or DSI = 3 (Hotspot Mode) - 5 MHz Bandwidth

NR Band n66 5 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	342500 (1712.5 MHz)	349000 (1745 MHz)	355500 (1777.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	17.02	17.03	16.94	0	0.0
	1	13	17.03	17.04	17.00		0.0
	1	23	16.99	16.98	16.95		0.0
	12	0	17.15	17.06	17.13	0-1	0.0
	12	7	17.16	17.04	17.14	0	0.0
	12	13	17.18	17.01	17.11	0-1	0.0
	25	0	17.20	17.07	17.13		0.0
DFT-s-OFDM 16QAM	1	1	17.42	17.48	17.28	0-1	0.0
CP-OFDM QPSK	1	1	17.08	17.00	16.96	0-1.5	0.0

FCC ID: A3LSMF731U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 79 of 188

H.2.6 NR Band n25 Antenna A

Table H-154
NR Band n25 Antenna A Measured P_{Max} for DSI = 2 (Head) - 30 MHz Bandwidth

NR Band n25 30 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			376500 (1882.5 MHz) Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	24.81	0	0.0
	1	80	24.93		0.0
	1	158	25.12		0.0
	80	0	24.00	0-1	1.0
	80	40	25.10	0	0.0
	80	80	24.18	0-1	1.0
	160	0	24.15		1.0
DFT-s-OFDM 16QAM	1	1	24.19	0-1	1.0
CP-OFDM QPSK	1	1	23.46	0-1.5	1.5

Table H-155
NR Band n25 Antenna A Measured P_{Max} for DSI = 2 (Head) - 25 MHz Bandwidth

NR Band n25 25 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			376500 (1882.5 MHz) Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	24.56	0	0.0
	1	67	24.57		0.0
	1	131	24.74		0.0
	64	0	23.73	0-1	1.0
	64	35	24.84	0	0.0
	64	69	23.92	0-1	1.0
	128	0	23.82		1.0
DFT-s-OFDM 16QAM	1	1	23.93	0-1	1.0
CP-OFDM QPSK	1	1	23.26	0-1.5	1.5

FCC ID: A3LSMF731U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 80 of 188

Table H-156
NR Band n25 Antenna A Measured P_{Max} for DSI = 2 (Head) - 20 MHz Bandwidth

NR Band n25 20 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	372000 (1860 MHz)	376500 (1882.5 MHz)	381000 (1905 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	24.47	24.68	24.99	0	0.0
	1	53	24.63	24.68	25.04		0.0
	1	104	24.69	24.85	25.08		0.0
	50	0	23.76	23.90	24.11	0-1	1.0
	50	28	24.84	24.96	25.19	0	0.0
	50	56	23.91	23.99	24.19	0-1	1.0
	100	0	23.84	23.92	24.16		1.0
DFT-s-OFDM 16QAM	1	1	23.93	24.05	24.17	0-1	1.0
CP-OFDM QPSK	1	1	23.07	23.42	23.59	0-1.5	1.5

Table H-157
NR Band n25 Antenna A Measured P_{Max} for DSI = 2 (Head) - 15 MHz Bandwidth

NR Band n25 15 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	371500 (1857.5 MHz)	376500 (1882.5 MHz)	381500 (1907.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	24.52	24.77	25.02	0	0.0
	1	40	24.59	24.68	25.06		0.0
	1	77	24.73	24.83	25.17		0.0
	36	0	23.80	23.88	24.13	0-1	1.0
	36	22	24.80	24.93	25.09	0	0.0
	36	43	23.91	24.01	24.17	0-1	1.0
	75	0	23.85	23.91	24.12		1.0
DFT-s-OFDM 16QAM	1	1	24.00	24.15	24.19	0-1	1.0
CP-OFDM QPSK	1	1	23.28	23.50	23.70	0-1.5	1.5

FCC ID: A3LSMF731U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 81 of 188

Table H-158
NR Band n25 Antenna A Measured P_{Max} for DSI = 2 (Head) - 10 MHz Bandwidth
NR Band n25
10 MHz Bandwidth

			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	371000 (1855 MHz)	376500 (1882.5 MHz)	382000 (1910 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	24.43	24.49	24.88	0	0.0
	1	26	24.55	24.54	24.98		0.0
	1	50	24.55	24.68	25.14		0.0
	25	0	23.67	23.77	24.11	0-1	1.0
	25	14	24.70	24.76	25.16	0	0.0
	25	27	23.74	23.81	24.13	0-1	1.0
	50	0	23.73	23.72	24.14		1.0
DFT-s-OFDM 16QAM	1	1	23.88	23.92	24.12	0-1	1.0
CP-OFDM QPSK	1	1	23.04	23.06	23.45	0-1.5	1.5

Table H-159
NR Band n25 Antenna A Measured P_{Max} for DSI = 2 (Head) – 5 MHz Bandwidth
NR Band n25
5 MHz Bandwidth

			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	370500 (1852.5 MHz)	376500 (1882.5 MHz)	382500 (1912.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	24.29	24.54	24.83	0	0.0
	1	13	24.31	24.53	24.98		0.0
	1	23	24.36	24.59	25.01		0.0
	12	0	23.48	23.66	24.06	0-1	1.0
	12	7	24.47	24.62	25.06	0	0.0
	12	13	23.54	23.66	24.09	0-1	1.0
	25	0	23.50	23.65	24.07		1.0
DFT-s-OFDM 16QAM	1	1	23.53	23.60	24.18	0-1	1.0
CP-OFDM QPSK	1	1	22.87	23.26	23.40	0-1.5	1.5

Table H-160
NR Band n25 Antenna A Measured P_{Limit} for DSI = 0 (Body-worn or Phablet), or DSI = 4 (Earjack Active) – 30 MHz Bandwidth

NR Band n25 30 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			376500 (1882.5 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	21.71	0	0.0
	1	80	21.65		0.0
	1	158	21.71		0.0
	80	0	21.81	0-1	0.0
	80	40	21.90	0	0.0
	80	80	21.90	0-1	0.0
	160	0	21.91		0.0
DFT-s-OFDM 16QAM	1	1	22.06	0-1	0.0
CP-OFDM QPSK	1	1	21.79	0-1.5	0.0

Table H-161
NR Band n25 Antenna A Measured P_{Limit} for DSI = 0 (Body-worn or Phablet), or DSI = 4 (Earjack Active) – 25 MHz Bandwidth

NR Band n25 25 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			376500 (1882.5 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	21.54	0	0.0
	1	67	21.47		0.0
	1	131	21.53		0.0
	64	0	21.67	0-1	0.0
	64	35	21.77	0	0.0
	64	69	21.75	0-1	0.0
	128	0	21.72		0.0
DFT-s-OFDM 16QAM	1	1	21.93	0-1	0.0
CP-OFDM QPSK	1	1	21.66	0-1.5	0.0

FCC ID: A3LSMF731U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 83 of 188

Table H-162

NR Band n25 Antenna A Measured P_{Limit} for DSI = 0 (Body-worn or Phablet), or DSI = 4 (Earjack Active) – 20 MHz Bandwidth

NR Band n25 20 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	372000 (1860 MHz)	376500 (1882.5 MHz)	381000 (1905 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	21.47	21.55	21.73	0	0.0
	1	53	21.54	21.51	21.76		0.0
	1	104	21.53	21.55	21.81		0.0
	50	0	21.73	21.69	21.92	0-1	0.0
	50	28	21.79	21.75	21.95	0	0.0
	50	56	21.80	21.76	22.01	0-1	0.0
	100	0	21.74	21.74	21.95		0.0
DFT-s-OFDM 16QAM	1	1	21.83	21.89	22.06	0-1	0.0
CP-OFDM QPSK	1	1	21.55	21.63	21.80	0-1.5	0.0

Table H-163

NR Band n25 Antenna A Measured P_{Limit} for DSI = 0 (Body-worn or Phablet), or DSI = 4 (Earjack Active) – 15 MHz Bandwidth

NR Band n25 15 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	371500 (1857.5 MHz)	376500 (1882.5 MHz)	381500 (1907.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	21.60	21.65	21.71	0	0.0
	1	40	21.56	21.50	21.74		0.0
	1	77	21.62	21.60	21.80		0.0
	36	0	21.73	21.71	21.92	0-1	0.0
	36	22	21.78	21.72	21.94	0	0.0
	36	43	21.76	21.76	21.96	0-1	0.0
	75	0	21.76	21.72	21.94		0.0
DFT-s-OFDM 16QAM	1	1	21.97	22.03	22.10	0-1	0.0
CP-OFDM QPSK	1	1	21.62	21.69	21.80	0-1.5	0.0

FCC ID: A3LSMF731U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 84 of 188

Table H-164

NR Band n25 Antenna A Measured P_{Limit} for DSI = 0 (Body-worn or Phablet), or DSI = 4 (Earjack Active) – 10 MHz Bandwidth

NR Band n25 10 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	371000 (1855 MHz)	376500 (1882.5 MHz)	382000 (1910 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	21.50	21.41	21.56	0	0.0
	1	26	21.58	21.47	21.60		0.0
	1	50	21.55	21.46	21.75		0.0
	25	0	21.69	21.58	21.76	0-1	0.0
	25	14	21.71	21.53	21.81	0	0.0
	25	27	21.71	21.57	21.78	0-1	0.0
	50	0	21.71	21.53	21.78		0.0
DFT-s-OFDM 16QAM	1	1	21.91	21.74	21.91	0-1	0.0
CP-OFDM QPSK	1	1	21.51	21.41	21.61	0-1.5	0.0

Table H-165

NR Band n25 Antenna A Measured P_{Limit} for DSI = 0 (Body-worn or Phablet), or DSI = 4 (Earjack Active) – 5 MHz Bandwidth

NR Band n25 5 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	370500 (1852.5 MHz)	376500 (1882.5 MHz)	382500 (1912.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	21.39	21.38	21.56	0	0.0
	1	13	21.37	21.37	21.65		0.0
	1	23	21.46	21.42	21.70		0.0
	12	0	21.56	21.48	21.74	0-1	0.0
	12	7	21.54	21.49	21.75	0	0.0
	12	13	21.55	21.50	21.85	0-1	0.0
	25	0	21.56	21.53	21.72		0.0
DFT-s-OFDM 16QAM	1	1	21.62	21.73	21.94	0-1	0.0
CP-OFDM QPSK	1	1	21.48	21.42	21.61	0-1.5	0.0

FCC ID: A3LSMF731U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 85 of 188

Table H-166
NR Band n25 Antenna A Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 30 MHz Bandwidth

NR Band n25 30 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			376500 (1882.5 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	18.07	0	0.0
	1	80	18.09		0.0
	1	158	18.15		0.0
	80	0	18.23	0-1	0.0
	80	40	18.29	0	0.0
	80	80	18.33	0-1	0.0
	160	0	18.32		0.0
DFT-s-OFDM 16QAM	1	1	18.41	0-1	0.0
CP-OFDM QPSK	1	1	18.20	0-1.5	0.0

Table H-167
NR Band n25 Antenna A Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 25 MHz Bandwidth

NR Band n25 25 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			376500 (1882.5 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	17.97	0	0.0
	1	67	17.91		0.0
	1	131	17.99		0.0
	64	0	18.06	0-1	0.0
	64	35	18.15	0	0.0
	64	69	18.16	0-1	0.0
	128	0	18.13		0.0
DFT-s-OFDM 16QAM	1	1	18.38	0-1	0.0
CP-OFDM QPSK	1	1	18.06	0-1.5	0.0

FCC ID: A3LSMF731U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 86 of 188

Table H-168
NR Band n25 Antenna A Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 20 MHz Bandwidth

NR Band n25 20 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	372000 (1860 MHz)	376500 (1882.5 MHz)	381000 (1905 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	17.88	17.99	18.11	0	0.0
	1	53	17.98	17.91	18.10		0.0
	1	104	17.96	17.97	18.22		0.0
	50	0	18.15	18.11	18.31	0-1	0.0
	50	28	18.23	18.13	18.36	0	0.0
	50	56	18.15	18.19	18.36	0-1	0.0
	100	0	18.21	18.14	18.32		0.0
DFT-s-OFDM 16QAM	1	1	18.35	18.40	18.53	0-1	0.0
CP-OFDM QPSK	1	1	18.00	18.10	18.21	0-1.5	0.0

Table H-169
NR Band n25 Antenna A Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 15 MHz Bandwidth

NR Band n25 15 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	371500 (1857.5 MHz)	376500 (1882.5 MHz)	381500 (1907.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	18.02	17.94	18.13	0	0.0
	1	40	17.98	17.94	18.05		0.0
	1	77	17.99	18.02	18.22		0.0
	36	0	18.20	18.11	18.31	0-1	0.0
	36	22	18.21	18.17	18.33	0	0.0
	36	43	18.27	18.17	18.47	0-1	0.0
	75	0	18.23	18.16	18.33		0.0
DFT-s-OFDM 16QAM	1	1	18.46	18.42	18.47	0-1	0.0
CP-OFDM QPSK	1	1	18.05	18.03	18.20	0-1.5	0.0

FCC ID: A3LSMF731U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 87 of 188

Table H-170
NR Band n25 Antenna A Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 10 MHz Bandwidth

NR Band n25 10 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	371000 (1855 MHz)	376500 (1882.5 MHz)	382000 (1910 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	17.85	17.79	18.07	0	0.0
	1	26	17.92	17.80	18.09		0.0
	1	50	17.95	17.80	18.10		0.0
	25	0	18.08	17.98	18.27	0-1	0.0
	25	14	18.12	18.00	18.28	0	0.0
	25	27	18.12	17.99	18.27	0-1	0.0
	50	0	18.12	18.02	18.25		0.0
DFT-s-OFDM 16QAM	1	1	18.35	18.19	18.45	0-1	0.0
CP-OFDM QPSK	1	1	17.89	17.85	18.10	0-1.5	0.0

Table H-171
NR Band n25 Antenna A Measured P_{Limit} for DSI = 3 (Hotspot Mode) – 5 MHz Bandwidth

NR Band n25 5 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	370500 (1852.5 MHz)	376500 (1882.5 MHz)	382500 (1912.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	17.82	17.83	18.01	0	0.0
	1	13	17.78	17.83	18.04		0.0
	1	23	17.85	17.85	18.08		0.0
	12	0	17.98	18.00	18.20	0-1	0.0
	12	7	17.97	17.96	18.24	0	0.0
	12	13	17.98	17.99	18.26	0-1	0.0
	25	0	17.97	17.98	18.25		0.0
DFT-s-OFDM 16QAM	1	1	18.27	18.28	18.42	0-1	0.0
CP-OFDM QPSK	1	1	17.88	17.93	18.12	0-1.5	0.0

FCC ID: A3LSMF731U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 88 of 188

H.2.7 NR Band n25 Antenna I

Table H-172

NR Band n25 Antenna I Measured P_{Limit} for DSI = 0 (Body-worn or Phablet), or DSI = 4 (Earjack Active) – 30 MHz Bandwidth

NR Band n25 30 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			376500 (1882.5 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	20.82	0	0.0
	1	80	20.76		0.0
	1	158	20.85		0.0
	80	0	20.95	0-1	0.0
	80	40	20.92	0	0.0
	80	80	20.88	0-1	0.0
	160	0	20.95		0.0
DFT-s-OFDM 16QAM	1	1	21.08	0-1	0.0
CP-OFDM QPSK	1	1	21.13	0-1.5	0.0

Table H-173

NR Band n25 Antenna I Measured P_{Limit} for DSI = 0 (Body-worn or Phablet), or DSI = 4 (Earjack Active) - 25 MHz Bandwidth

NR Band n25 25 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			376500 (1882.5 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	20.72	0	0.0
	1	67	20.69		0.0
	1	131	20.72		0.0
	64	0	20.85	0-1	0.0
	64	35	20.83	0	0.0
	64	69	20.89	0-1	0.0
	128	0	20.86		0.0
DFT-s-OFDM 16QAM	1	1	21.01	0-1	0.0
CP-OFDM QPSK	1	1	21.03	0-1.5	0.0

FCC ID: A3LSMF731U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 89 of 188

Table H-174

NR Band n25 Antenna I Measured P_{Limit} for DSI = 0 (Body-worn or Phablet), or DSI = 4 (Earjack Active) - 20 MHz Bandwidth

NR Band n25 20 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	372000 (1860 MHz)	376500 (1882.5 MHz)	381000 (1905 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	20.79	20.72	20.82	0	0.0
	1	53	20.79	20.65	20.96		0.0
	1	104	20.71	20.72	21.09		0.0
	50	0	20.93	20.85	21.05	0-1	0.0
	50	28	20.95	20.85	21.13	0	0.0
	50	56	20.89	20.81	21.10	0-1	0.0
	100	0	20.93	20.86	21.15		0.0
DFT-s-OFDM 16QAM	1	1	21.09	20.96	21.07	0-1	0.0
CP-OFDM QPSK	1	1	21.07	21.01	21.12	0-1.5	0.0

Table H-175

NR Band n25 Antenna I Measured P_{Limit} for DSI = 0 (Body-worn or Phablet), or DSI = 4 (Earjack Active) - 15 MHz Bandwidth

NR Band n25 15 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	371500 (1857.5 MHz)	376500 (1882.5 MHz)	381500 (1907.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	20.93	20.81	20.88	0	0.0
	1	40	20.87	20.68	20.96		0.0
	1	77	20.88	20.77	21.02		0.0
	36	0	21.00	20.82	21.10	0-1	0.0
	36	22	20.97	20.80	21.18	0	0.0
	36	43	20.99	20.83	21.23	0-1	0.0
	75	0	21.04	20.86	21.10		0.0
DFT-s-OFDM 16QAM	1	1	21.23	21.08	21.17	0-1	0.0
CP-OFDM QPSK	1	1	21.24	21.03	21.21	0-1.5	0.0

FCC ID: A3LSMF731U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 90 of 188

Table H-176

NR Band n25 Antenna I Measured P_{Limit} for DSI = 0 (Body-worn or Phablet), or DSI = 4 (Earjack Active) - 10 MHz Bandwidth

NR Band n25 10 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	371000 (1855 MHz)	376500 (1882.5 MHz)	382000 (1910 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	20.94	20.67	20.85	0	0.0
	1	26	20.93	20.63	20.97		0.0
	1	50	20.91	20.62	20.97		0.0
	25	0	21.10	20.85	21.04	0-1	0.0
	25	14	21.09	20.79	21.13	0	0.0
	25	27	21.05	20.78	21.15	0-1	0.0
	50	0	21.13	20.75	21.11		0.0
DFT-s-OFDM 16QAM	1	1	21.21	20.88	21.12	0-1	0.0
CP-OFDM QPSK	1	1	21.19	20.87	21.20	0-1.5	0.0

Table H-177

NR Band n25 Antenna I Measured P_{Limit} for DSI = 0 (Body-worn or Phablet), or DSI = 4 (Earjack Active) - 5 MHz Bandwidth

NR Band n25 5 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	370500 (1852.5 MHz)	376500 (1882.5 MHz)	382500 (1912.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	20.91	20.66	20.94	0	0.0
	1	13	20.83	20.60	20.95		0.0
	1	23	20.92	20.66	20.90		0.0
	12	0	20.98	20.72	21.06	0-1	0.0
	12	7	20.96	20.71	21.04	0	0.0
	12	13	20.96	20.75	21.02	0-1	0.0
	25	0	20.93	20.70	21.05		0.0
DFT-s-OFDM 16QAM	1	1	21.19	20.93	21.18	0-1	0.0
CP-OFDM QPSK	1	1	21.14	20.87	21.16	0-1.5	0.0

FCC ID: A3LSMF731U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 91 of 188

Table H-178
NR Band n25 Antenna I Measured P_{Limit} for DSI = 2 (Head) - 30 MHz Bandwidth
NR Band n25
30 MHz Bandwidth

Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			376500 (1882.5 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	13.90	0	0.0
	1	80	13.83		0.0
	1	158	14.01		0.0
	80	0	13.85	0-1	0.0
	80	40	13.86	0	0.0
	80	80	13.91	0-1	0.0
	160	0	13.88		0.0
DFT-s-OFDM 16QAM	1	1	13.84	0-1	0.0
CP-OFDM QPSK	1	1	13.86	0-1.5	0.0

Table H-179
NR Band n25 Antenna I Measured P_{Limit} for DSI = 2 (Head) - 25 MHz Bandwidth
NR Band n25
25 MHz Bandwidth

Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			376500 (1882.5 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	13.71	0	0.0
	1	67	13.71		0.0
	1	131	13.87		0.0
	64	0	13.75	0-1	0.0
	64	35	13.75	0	0.0
	64	69	13.83	0-1	0.0
	128	0	13.81		0.0
DFT-s-OFDM 16QAM	1	1	13.77	0-1	0.0
CP-OFDM QPSK	1	1	13.72	0-1.5	0.0

FCC ID: A3LSMF731U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 92 of 188

Table H-180
NR Band n25 Antenna I Measured P_{Limit} for DSI = 2 (Head) - 20 MHz Bandwidth
NR Band n25
20 MHz Bandwidth

			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	372000 (1860 MHz)	376500 (1882.5 MHz)	381000 (1905 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	13.88	13.74	13.96	0	0.0
	1	53	13.87	13.69	14.10		0.0
	1	104	13.79	13.85	14.34		0.0
	50	0	13.96	13.76	14.05	0-1	0.0
	50	28	13.96	13.75	14.10	0	0.0
	50	56	13.86	13.76	14.20	0-1	0.0
	100	0	13.97	13.74	14.12		0.0
DFT-s-OFDM 16QAM	1	1	13.95	13.66	13.92	0-1	0.0
CP-OFDM QPSK	1	1	13.98	13.74	14.01	0-1.5	0.0

Table H-181
NR Band n25 Antenna I Measured P_{Limit} for DSI = 2 (Head) - 15 MHz Bandwidth
NR Band n25
15 MHz Bandwidth

			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	371500 (1857.5 MHz)	376500 (1882.5 MHz)	381500 (1907.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	13.96	13.73	14.11	0	0.0
	1	40	13.97	13.69	14.19		0.0
	1	77	13.91	13.81	14.25		0.0
	36	0	14.01	13.77	14.11	0-1	0.0
	36	22	13.94	13.75	14.21	0	0.0
	36	43	13.97	13.78	14.20	0-1	0.0
	75	0	13.94	13.77	14.15		0.0
DFT-s-OFDM 16QAM	1	1	14.05	13.73	14.08	0-1	0.0
CP-OFDM QPSK	1	1	14.11	13.85	14.12	0-1.5	0.0

FCC ID: A3LSMF731U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 93 of 188

Table H-182
NR Band n25 Antenna I Measured P_{Limit} for DSI = 2 (Head) - 10 MHz Bandwidth
NR Band n25
10 MHz Bandwidth

			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	371000 (1855 MHz)	376500 (1882.5 MHz)	382000 (1910 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	13.93	13.66	13.91	0	0.0
	1	26	13.93	13.66	14.09		0.0
	1	50	13.98	13.60	14.20		0.0
	25	0	13.91	13.66	14.11	0-1	0.0
	25	14	13.93	13.60	14.07	0	0.0
	25	27	13.90	13.66	14.08	0-1	0.0
	50	0	13.90	13.67	14.04		0.0
DFT-s-OFDM 16QAM	1	1	13.96	13.57	13.99	0-1	0.0
CP-OFDM QPSK	1	1	13.94	13.63	13.96	0-1.5	0.0

Table H-183
NR Band n25 Antenna I Measured P_{Limit} for DSI = 2 (Head) - 5 MHz Bandwidth
NR Band n25
5 MHz Bandwidth

			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	370500 (1852.5 MHz)	376500 (1882.5 MHz)	382500 (1912.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	13.86	13.71	14.03	0	0.0
	1	13	13.79	13.64	14.14		0.0
	1	23	13.86	13.65	14.15		0.0
	12	0	13.86	13.69	14.10	0-1	0.0
	12	7	13.81	13.65	14.14	0	0.0
	12	13	13.86	13.67	14.19	0-1	0.0
	25	0	13.82	13.66	14.15		0.0
DFT-s-OFDM 16QAM	1	1	13.87	13.69	14.12	0-1	0.0
CP-OFDM QPSK	1	1	13.88	13.70	13.98	0-1.5	0.0

FCC ID: A3LSMF731U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 94 of 188

Table H-184
NR Band n25 Antenna I Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 30 MHz Bandwidth

NR Band n25 30 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			376500 (1882.5 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	14.63	0	0.0
	1	80	14.57		0.0
	1	158	14.73		0.0
	80	0	14.74	0-1	0.0
	80	40	14.68	0	0.0
	80	80	14.77	0-1	0.0
	160	0	14.73		0.0
DFT-s-OFDM 16QAM	1	1	14.86	0-1	0.0
CP-OFDM QPSK	1	1	14.83	0-1.5	0.0

Table H-185
NR Band n25 Antenna I Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 25 MHz Bandwidth

NR Band n25 25 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			376500 (1882.5 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	14.53	0	0.0
	1	67	14.43		0.0
	1	131	14.52		0.0
	64	0	14.60	0-1	0.0
	64	35	14.61	0	0.0
	64	69	14.65	0-1	0.0
	128	0	14.63		0.0
DFT-s-OFDM 16QAM	1	1	14.78	0-1	0.0
CP-OFDM QPSK	1	1	14.74	0-1.5	0.0

FCC ID: A3LSMF731U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 95 of 188

Table H-186
NR Band n25 Antenna I Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 20 MHz Bandwidth

NR Band n25 20 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	372000 (1860 MHz)	376500 (1882.5 MHz)	381000 (1905 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	14.66	14.48	14.72	0	0.0
	1	53	14.63	14.41	14.71		0.0
	1	104	14.48	14.51	14.97		0.0
	50	0	14.80	14.63	14.79	0-1	0.0
	50	28	14.83	14.58	14.89	0	0.0
	50	56	14.68	14.54	14.98	0-1	0.0
	100	0	14.80	14.61	14.90		0.0
DFT-s-OFDM 16QAM	1	1	14.94	14.75	14.96	0-1	0.0
CP-OFDM QPSK	1	1	14.89	14.68	14.94	0-1.5	0.0

Table H-187
NR Band n25 Antenna I Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 15 MHz Bandwidth

NR Band n25 15 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	371500 (1857.5 MHz)	376500 (1882.5 MHz)	381500 (1907.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	14.80	14.49	14.72	0	0.0
	1	40	14.70	14.44	14.83		0.0
	1	77	14.71	14.57	14.97		0.0
	36	0	14.82	14.58	14.83	0-1	0.0
	36	22	14.82	14.60	14.91	0	0.0
	36	43	14.85	14.56	14.96	0-1	0.0
	75	0	14.83	14.58	14.85		0.0
DFT-s-OFDM 16QAM	1	1	15.08	14.79	15.03	0-1	0.0
CP-OFDM QPSK	1	1	15.00	14.74	15.06	0-1.5	0.0

FCC ID: A3LSMF731U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 96 of 188

Table H-188
NR Band n25 Antenna I Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 10 MHz Bandwidth

NR Band n25 10 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	371000 (1855 MHz)	376500 (1882.5 MHz)	382000 (1910 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	14.69	14.32	14.65	0	0.0
	1	26	14.66	14.36	14.77		0.0
	1	50	14.58	14.58	14.91		0.0
	25	0	14.77	14.47	14.83	0-1	0.0
	25	14	14.76	14.49	14.85	0	0.0
	25	27	14.85	14.49	14.84	0-1	0.0
	50	0	14.81	14.47	14.84		0.0
DFT-s-OFDM 16QAM	1	1	14.97	14.65	14.85	0-1	0.0
CP-OFDM QPSK	1	1	14.89	14.60	14.86	0-1.5	0.0

Table H-189
NR Band n25 Antenna I Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 5 MHz Bandwidth

NR Band n25 5 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	370500 (1852.5 MHz)	376500 (1882.5 MHz)	382500 (1912.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	14.65	14.39	14.76	0	0.0
	1	13	14.63	14.37	14.93		0.0
	1	23	14.61	14.39	14.90		0.0
	12	0	14.74	14.50	14.79	0-1	0.0
	12	7	14.75	14.46	14.87	0	0.0
	12	13	14.75	14.48	14.88	0-1	0.0
	25	0	14.71	14.50	14.89		0.0
DFT-s-OFDM 16QAM	1	1	14.97	14.64	14.94	0-1	0.0
CP-OFDM QPSK	1	1	14.84	14.59	14.91	0-1.5	0.0

FCC ID: A3LSMF731U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 97 of 188

H.2.8 NR Band n30 Antenna B

Table H-190
NR Band n30 Antenna B Measured P_{Max} for DSI = 2 (Head) - 5 MHz Bandwidth

NR Band n30 5 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			462000 (2310 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	23.72	0	0.0
	1	13	23.88		0.0
	1	23	23.67		0.0
	12	0	22.81	0-1	1.0
	12	7	23.83	0	0.0
	12	13	22.73	0-1	1.0
	25	0	22.80		1.0
DFT-s-OFDM 16QAM	1	1	22.90	0-1	1.0
CP-OFDM QPSK	1	1	22.40	0-1.5	1.5

Table H-191
NR Band n30 Antenna B Measured P_{Limit} for DSI = 0 (Body-worn or Phablet), or DSI = 4 (Earjack Active) - 5 MHz Bandwidth

NR Band n30 5 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			462000 (2310 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	21.37	0	0.0
	1	13	21.38		0.0
	1	23	21.25		0.0
	12	0	21.36	0-1	0.0
	12	7	21.36	0	0.0
	12	13	21.22	0-1	0.0
	25	0	21.34		0.0
DFT-s-OFDM 16QAM	1	1	21.46	0-1	0.0
CP-OFDM QPSK	1	1	21.37	0-1.5	0.0

FCC ID: A3LSMF731U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 98 of 188

Table H-192
NR Band n30 Antenna B Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 5 MHz Bandwidth

NR Band n30 5 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			462000 (2310 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	17.81	0	0.0
	1	13	17.76		0.0
	1	23	17.72		0.0
	12	0	17.77	0-1	0.0
	12	7	17.81	0	0.0
	12	13	17.78	0-1	0.0
	25	0	17.77		0.0
DFT-s-OFDM 16QAM	1	1	17.82	0-1	0.0
CP-OFDM QPSK	1	1	17.75	0-1.5	0.0

FCC ID: A3LSMF731U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 99 of 188

H.2.9 NR Band n30 Antenna I

Table H-193

NR Band n30 Antenna I Measured P_{Limit} for DSI = 0 (Body-worn or Phablet), or DSI = 4 (Earjack Active) - 5 MHz Bandwidth

NR Band n30 5 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			462000 (2310 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	20.66	0	0.0
	1	13	20.76		0.0
	1	23	20.69		0.0
	12	0	20.84	0-1	0.0
	12	7	20.83	0	0.0
	12	13	20.78	0-1	0.0
	25	0	20.81		0.0
DFT-s-OFDM 16QAM	1	1	20.95	0-1	0.0
CP-OFDM QPSK	1	1	20.80	0-1.5	0.0

Table H-194

NR Band n30 Antenna I Measured P_{Limit} for DSI = 2 (Head) - 5 MHz Bandwidth

NR Band n30 5 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			462000 (2310 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	14.04	0	0.0
	1	13	14.16		0.0
	1	23	14.11		0.0
	12	0	14.30	0-1	0.0
	12	7	14.30	0	0.0
	12	13	14.31	0-1	0.0
	25	0	14.33		0.0
DFT-s-OFDM 16QAM	1	1	14.47	0-1	0.0
CP-OFDM QPSK	1	1	14.10	0-1.5	0.0

FCC ID: A3LSMF731U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 100 of 188

Table H-195
NR Band n30 Antenna I Measured P_{Limit} for DSI =3 (Hotspot Mode) - 5 MHz Bandwidth

NR Band n30 5 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			462000 (2310 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	16.34	0	0.0
	1	13	16.41		0.0
	1	23	16.29		0.0
	12	0	16.40	0-1	0.0
	12	7	16.40	0	0.0
	12	13	16.35	0-1	0.0
	25	0	16.38		0.0
DFT-s-OFDM 16QAM	1	1	16.61	0-1	0.0
CP-OFDM QPSK	1	1	16.42	0-1.5	0.0

H.2.10 NR Band n7 Antenna B

Table H-196

NR Band n7 Antenna B Measured P_{Max} for DSI = 2 (Head) - 30 MHz Bandwidth

NR Band n7 30 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			507000 (2535 MHz) Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	24.51	0	0.0
	1	80	24.49		0.0
	1	158	24.38		0.0
	80	0	23.45	0-1	1.0
	80	40	24.34	0	0.0
	80	80	23.36	0-1	1.0
	160	0	23.36		1.0
DFT-s-OFDM 16QAM	1	1	23.40	0-1	1.0
CP-OFDM QPSK	1	1	23.08	0-1.5	1.5

Table H-197

NR Band n7 Antenna B Measured P_{Max} for DSI = 2 (Head) - 25 MHz Bandwidth

NR Band n7 25 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			507000 (2535 MHz) Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	23.77	0	0.0
	1	67	23.80		0.0
	1	131	23.84		0.0
	64	0	22.89	0-1	1.0
	64	35	23.86	0	0.0
	64	69	22.80	0-1	1.0
	128	0	22.87		1.0
DFT-s-OFDM 16QAM	1	1	22.79	0-1	1.0
CP-OFDM QPSK	1	1	22.30	0-1.5	1.5

FCC ID: A3LSMF731U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 102 of 188

Table H-198
NR Band n7 Antenna B Measured P_{Max} for DSI = 2 (Head) - 20 MHz Bandwidth
NR Band n7
20 MHz Bandwidth

NR Band n7 20 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	502000 (2510 MHz)	507000 (2535 MHz)	512000 (2560 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	24.39	24.39	24.19	0	0.0
	1	53	24.47	24.32	24.22		0.0
	1	104	24.47	24.30	24.19		0.0
	50	0	23.55	23.42	23.31	0-1	1.0
	50	28	24.49	24.36	24.28	0	0.0
	50	56	23.58	23.33	23.26	0-1	1.0
	100	0	23.54	23.36	23.32		1.0
DFT-s-OFDM 16QAM	1	1	23.48	23.44	23.23	0-1	1.0
CP-OFDM QPSK	1	1	23.00	22.97	22.74	0-1.5	1.5

Table H-199
NR Band n7 Antenna B Measured P_{Max} for DSI = 2 (Head) - 15 MHz Bandwidth
NR Band n7
15 MHz Bandwidth

NR Band n7 15 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	501500 (2507.5 MHz)	507000 (2535 MHz)	512500 (2562.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	24.40	24.42	24.27	0	0.0
	1	40	24.49	24.34	24.32		0.0
	1	77	24.36	24.25	24.23		0.0
	36	0	23.48	23.41	23.30	0-1	1.0
	36	22	24.46	24.35	24.20	0	0.0
	36	43	23.50	23.35	23.28	0-1	1.0
	75	0	23.54	23.37	23.25		1.0
DFT-s-OFDM 16QAM	1	1	23.50	23.40	23.28	0-1	1.0
CP-OFDM QPSK	1	1	23.03	22.93	22.82	0-1.5	1.5

FCC ID: A3LSMF731U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 103 of 188

Table H-200
NR Band n7 Antenna B Measured P_{Max} for DSI = 2 (Head) - 10 MHz Bandwidth
NR Band n7
10 MHz Bandwidth

			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	501000 (2505 MHz)	507000 (2535 MHz)	513000 (2565 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	24.37	24.24	24.24	0	0.0
	1	26	24.38	24.35	24.23		0.0
	1	50	24.35	24.26	24.05		0.0
	25	0	23.40	23.35	23.22	0-1	1.0
	25	14	24.37	24.31	24.21	0	0.0
	25	27	23.38	23.28	23.14	0-1	1.0
	50	0	23.44	23.27	23.22		1.0
DFT-s-OFDM 16QAM	1	1	23.47	23.27	23.24	0-1	1.0
CP-OFDM QPSK	1	1	23.01	22.75	22.68	0-1.5	1.5

Table H-201
NR Band n7 Antenna B Measured P_{Max} for DSI = 2 (Head) - 5 MHz Bandwidth
NR Band n7
5 MHz Bandwidth

			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	500500 (2502.5 MHz)	507000 (2535 MHz)	513500 (2567.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	24.37	24.24	24.17	0	0.0
	1	13	24.42	24.31	24.20		0.0
	1	23	24.42	24.24	24.17		0.0
	12	0	23.35	23.24	23.14	0-1	1.0
	12	7	24.44	24.24	24.20	0	0.0
	12	13	23.49	23.30	23.22	0-1	1.0
	25	0	23.43	23.27	23.10		1.0
DFT-s-OFDM 16QAM	1	1	23.46	23.32	23.16	0-1	1.0
CP-OFDM QPSK	1	1	23.02	22.77	22.66	0-1.5	1.5

FCC ID: A3LSMF731U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 104 of 188

Table H-202

NR Band n7 Antenna B Measured P_{Limit} for DSI = 0 (Body-worn or Phablet), or DSI = 4 (Earjack Active) - 30 MHz Bandwidth

NR Band n7 30 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			507000 (2535 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	20.84	0	0.0
	1	80	20.77		0.0
	1	158	20.71		0.0
	80	0	20.86	0-1	0.0
	80	40	20.86	0	0.0
	80	80	20.81	0-1	0.0
	160	0	20.88		0.0
DFT-s-OFDM 16QAM	1	1	21.08	0-1	0.0
CP-OFDM QPSK	1	1	20.83	0-1.5	0.0

Table H-203

NR Band n7 Antenna B Measured P_{Limit} for DSI = 0 (Body-worn or Phablet), or DSI = 4 (Earjack Active) - 25 MHz Bandwidth

NR Band n7 25 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			507000 (2535 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	20.22	0	0.0
	1	67	20.23		0.0
	1	131	20.27		0.0
	64	0	20.40	0-1	0.0
	64	35	20.30	0	0.0
	64	69	20.25	0-1	0.0
	128	0	20.36		0.0
DFT-s-OFDM 16QAM	1	1	20.42	0-1	0.0
CP-OFDM QPSK	1	1	20.33	0-1.5	0.0

FCC ID: A3LSMF731U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 105 of 188

Table H-204

NR Band n7 Antenna B Measured P_{Limit} for DSI = 0 (Body-worn or Phablet), or DSI = 4 (Earjack Active) - 20 MHz Bandwidth

NR Band n7 20 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	502000 (2510 MHz)	507000 (2535 MHz)	512000 (2560 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	20.74	20.66	20.70	0	0.0
	1	53	20.75	20.52	20.72		0.0
	1	104	20.71	20.46	20.67		0.0
	50	0	20.89	20.79	20.75	0-1	0.0
	50	28	20.92	20.77	20.82	0	0.0
	50	56	20.94	20.67	20.73	0-1	0.0
	100	0	20.94	20.75	20.82		0.0
DFT-s-OFDM 16QAM	1	1	21.06	20.99	20.54	0-1	0.0
CP-OFDM QPSK	1	1	20.78	20.69	20.65	0-1.5	0.0

Table H-205

NR Band n7 Antenna B Measured P_{Limit} for DSI = 0 (Body-worn or Phablet), or DSI = 4 (Earjack Active) - 15 MHz Bandwidth

NR Band n7 15 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	501500 (2507.5 MHz)	507000 (2535 MHz)	512500 (2562.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	20.72	20.59	20.56	0	0.0
	1	40	20.71	20.57	20.63		0.0
	1	77	20.62	20.49	20.63		0.0
	36	0	20.84	20.75	20.81	0-1	0.0
	36	22	20.89	20.72	20.76	0	0.0
	36	43	20.82	20.64	20.86	0-1	0.0
	75	0	20.94	20.75	20.82		0.0
DFT-s-OFDM 16QAM	1	1	21.03	21.00	20.91	0-1	0.0
CP-OFDM QPSK	1	1	20.77	20.69	20.66	0-1.5	0.0

FCC ID: A3LSMF731U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 106 of 188

Table H-206

NR Band n7 Antenna B Measured P_{Limit} for DSI = 0 (Body-worn or Phablet), or DSI = 4 (Earjack Active) - 10 MHz Bandwidth

NR Band n7 10 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	501000 (2505 MHz)	507000 (2535 MHz)	513000 (2565 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	20.61	20.40	20.49	0	0.0
	1	26	20.61	20.51	20.56		0.0
	1	50	20.53	20.46	20.50		0.0
	25	0	20.75	20.64	20.60	0-1	0.0
	25	14	20.71	20.60	20.72	0	0.0
	25	27	20.66	20.56	20.66	0-1	0.0
	50	0	20.71	20.62	20.67		0.0
DFT-s-OFDM 16QAM	1	1	20.86	20.76	20.85	0-1	0.0
CP-OFDM QPSK	1	1	20.64	20.45	20.55	0-1.5	0.0

Table H-207

NR Band n7 Antenna B Measured P_{Limit} for DSI = 0 (Body-worn or Phablet), or DSI = 4 (Earjack Active) - 5 MHz Bandwidth

NR Band n7 5 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	500500 (2502.5 MHz)	507000 (2535 MHz)	513500 (2567.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	20.81	20.47	20.52	0	0.0
	1	13	20.80	20.50	20.52		0.0
	1	23	20.79	20.45	20.49		0.0
	12	0	20.81	20.59	20.62	0-1	0.0
	12	7	20.84	20.64	20.67	0	0.0
	12	13	20.86	20.66	20.67	0-1	0.0
	25	0	20.81	20.60	20.67		0.0
DFT-s-OFDM 16QAM	1	1	20.82	20.88	20.93	0-1	0.0
CP-OFDM QPSK	1	1	20.73	20.49	20.58	0-1.5	0.0

FCC ID: A3LSMF731U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 107 of 188

Table H-208
NR Band n7 Antenna B Measured P_{Limit} for DSI = 3 (Hotspot Mode) – 30 MHz Bandwidth

NR Band n7 30 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			507000 (2535 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	19.65	0	0.0
	1	80	19.61		0.0
	1	158	19.54		0.0
	80	0	19.75	0-1	0.0
	80	40	19.75	0	0.0
	80	80	19.67	0-1	0.0
	160	0	19.78		0.0
DFT-s-OFDM 16QAM	1	1	19.90	0-1	0.0
CP-OFDM QPSK	1	1	19.70	0-1.5	0.0

Table H-209
NR Band n7 Antenna B Measured P_{Limit} for DSI = 3 (Hotspot Mode) – 25 MHz Bandwidth

NR Band n7 25 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			507000 (2535 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	19.17	0	0.0
	1	67	19.16		0.0
	1	131	19.16		0.0
	64	0	19.24	0-1	0.0
	64	35	19.22	0	0.0
	64	69	19.12	0-1	0.0
	128	0	19.25		0.0
DFT-s-OFDM 16QAM	1	1	19.28	0-1	0.0
CP-OFDM QPSK	1	1	19.10	0-1.5	0.0

FCC ID: A3LSMF731U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 108 of 188

Table H-210
NR Band n7 Antenna B Measured P_{Limit} for DSI = 3 (Hotspot Mode) – 20 MHz Bandwidth

NR Band n7 20 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	502000 (2510 MHz)	507000 (2535 MHz)	512000 (2560 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	19.62	19.48	19.38	0	0.0
	1	53	19.52	19.39	19.44		0.0
	1	104	19.52	19.34	19.37		0.0
	50	0	19.76	19.67	19.64	0-1	0.0
	50	28	19.84	19.59	19.66	0	0.0
	50	56	19.84	19.52	19.58	0-1	0.0
	100	0	19.82	19.61	19.66		0.0
DFT-s-OFDM 16QAM	1	1	19.97	19.87	19.83	0-1	0.0
CP-OFDM QPSK	1	1	19.70	19.58	19.53	0-1.5	0.0

Table H-211
NR Band n7 Antenna B Measured P_{Limit} for DSI = 3 (Hotspot Mode) – 15 MHz Bandwidth

NR Band n7 15 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	501500 (2507.5 MHz)	507000 (2535 MHz)	512500 (2562.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	19.68	19.48	19.43	0	0.0
	1	40	19.65	19.38	19.42		0.0
	1	77	19.53	19.31	19.46		0.0
	36	0	19.76	19.62	19.71	0-1	0.0
	36	22	19.81	19.58	19.62	0	0.0
	36	43	19.73	19.54	19.70	0-1	0.0
	75	0	19.81	19.64	19.66		0.0
DFT-s-OFDM 16QAM	1	1	19.76	19.88	19.80	0-1	0.0
CP-OFDM QPSK	1	1	19.58	19.58	19.53	0-1.5	0.0

FCC ID: A3LSMF731U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 109 of 188

Table H-212
NR Band n7 Antenna B Measured P_{Limit} for DSI = 3 (Hotspot Mode) – 10 MHz Bandwidth

NR Band n7 10 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	501000 (2505 MHz)	507000 (2535 MHz)	513000 (2565 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	19.50	19.24	19.40	0	0.0
	1	26	19.52	19.33	19.48		0.0
	1	50	19.35	19.28	19.39		0.0
	25	0	19.62	19.53	19.49	0-1	0.0
	25	14	19.60	19.50	19.57	0	0.0
	25	27	19.58	19.43	19.53	0-1	0.0
	50	0	19.59	19.46	19.56		0.0
DFT-s-OFDM 16QAM	1	1	19.84	19.65	19.73	0-1	0.0
CP-OFDM QPSK	1	1	19.57	19.34	19.41	0-1.5	0.0

Table H-213
NR Band n7 Antenna B Measured P_{Limit} for DSI = 3 (Hotspot Mode) – 5 MHz Bandwidth

NR Band n7 5 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	500500 (2502.5 MHz)	507000 (2535 MHz)	513500 (2567.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	19.57	19.31	19.43	0	0.0
	1	13	19.59	19.34	19.46		0.0
	1	23	19.51	19.32	19.38		0.0
	12	0	19.64	19.42	19.51	0-1	0.0
	12	7	19.71	19.48	19.53	0	0.0
	12	13	19.71	19.50	19.58	0-1	0.0
	25	0	19.71	19.49	19.54		0.0
DFT-s-OFDM 16QAM	1	1	19.92	19.71	19.80	0-1	0.0
CP-OFDM QPSK	1	1	19.60	19.38	19.46	0-1.5	0.0

FCC ID: A3LSMF731U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 110 of 188

H.2.11 NR Band n41 Antenna I

Table H-214

NR Band n41 Antenna I Measured P_{Limit} for DSI = 0 (Body-worn or Phablet), or DSI = 4 (Earjack Active) - 90 MHz Bandwidth

NR Band n41 90 MHz Bandwidth						
			Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	508200 (2541 MHz)	528996 (2644.98 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM QPSK	1	1	19.69	19.82	0	0.0
	1	123	19.83	20.03		0.0
	1	243	19.56	19.69		0.0
	120	0	19.65	19.95	0-1	0.0
	120	63	19.75	19.98	0	0.0
	120	125	19.71	19.87	0-1	0.0
	243	0	19.43	19.87		0.0
DFT-s-OFDM 16QAM	1	1	19.69	19.91	0-1	0.0
CP-OFDM QPSK	1	1	19.64	19.94	0-1.5	0.0

Table H-215

NR Band n41 Antenna I Measured P_{Limit} for DSI = 0 (Body-worn or Phablet), or DSI = 4 (Earjack Active) - 80 MHz Bandwidth

NR Band n41 80 MHz Bandwidth						
			Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	507204 (2536.02 MHz)	529998 (2649.99 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM QPSK	1	1	19.74	19.76	0	0.0
	1	109	19.79	19.72		0.0
	1	215	19.52	19.76		0.0
	108	0	19.55	19.75	0-1	0.0
	108	55	19.51	19.69	0	0.0
	108	109	19.64	19.68	0-1	0.0
	216	0	19.52	19.77		0.0
DFT-s-OFDM 16QAM	1	1	19.74	20.13	0-1	0.0
CP-OFDM OPSK	1	1	19.60	19.90	0-1.5	0.0

FCC ID: A3LSMF731U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 111 of 188

Table H-216

NR Band n41 Antenna I Measured P_{Limit} for DSI = 0 (Body-worn or Phablet), or DSI = 4 (Earjack Active) - 70 MHz Bandwidth

NR Band n41 70 MHz Bandwidth						
			Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	506202 (2531.01 MHz)	531000 (2655 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM QPSK	1	1	19.69	19.81	0	0.0
	1	95	19.48	19.82		0.0
	1	187	19.52	19.86		0.0
	90	0	19.57	19.69	0-1	0.0
	90	50	19.42	19.64	0	0.0
	90	99	19.53	19.65	0-1	0.0
	180	0	19.46	19.68		0.0
DFT-s-OFDM 16QAM	1	1	19.65	19.62	0-1	0.0
CP-OFDM QPSK	1	1	19.63	19.78	0-1.5	0.0

Table H-217

NR Band n41 Antenna I Measured P_{Limit} for DSI = 0 (Body-worn or Phablet), or DSI = 4 (Earjack Active) - 60 MHz Bandwidth

NR Band n41 60 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	505200 (2526 MHz)	518598 (2592.99 MHz)	531996 (2659.98 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	19.69	20.11	20.12	0	0.0
	1	81	19.80	20.18	20.13		0.0
	1	160	19.82	20.13	19.90		0.0
	81	0	19.70	20.11	20.10	0-1	0.0
	81	41	19.81	20.08	20.00	0	0.0
	81	81	19.77	20.17	19.94	0-1	0.0
	162	0	19.80	20.13	19.97		0.0
DFT-s-OFDM 16QAM	1	1	19.63	20.10	20.08	0-1	0.0
CP-OFDM OPSK	1	1	19.77	20.03	20.18	0-1.5	0.0

FCC ID: A3LSMF731U

SAR EVALUATION REPORT

Approved by:

Technical Manager

DUT Type:
Portable Handset

APPENDIX H:
Page 112 of 188

Table H-218

NR Band n41 Antenna I Measured P_{Limit} for DSI = 0 (Body-worn or Phablet), or DSI = 4 (Earjack Active) - 50 MHz Bandwidth

NR Band n41 50 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	504204 (2521.02 MHz)	518598 (2592.99 MHz)	532998 (2664.99 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	19.73	19.97	19.64	0	0.0
	1	67	19.60	20.05	19.57		0.0
	1	131	19.59	20.08	19.63		0.0
	64	0	19.71	20.04	19.71	0-1	0.0
	64	35	19.60	20.10	19.67	0	0.0
	64	69	19.59	20.04	19.76	0-1	0.0
	128	0	19.61	20.12	19.68		0.0
DFT-s-OFDM 16QAM	1	1	20.03	20.22	19.96	0-1	0.0
CP-OFDM QPSK	1	1	19.67	20.04	19.87	0-1.5	0.0

Table H-219

NR Band n41 Antenna I Measured P_{Limit} for DSI = 0 (Body-worn or Phablet), or DSI = 4 (Earjack Active) - 40 MHz Bandwidth

NR Band n41 40 MHz Bandwidth								
			Channel				MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	503202 (2516.01 MHz)	513468 (2567.34 MHz)	523734 (2618.67 MHz)	534000 (2670 MHz)		
			Conducted Power [dBm]					
DFT-s-OFDM QPSK	1	1	20.05	20.21	20.25	20.29	0	0.0
	1	53	19.93	19.96	20.29	20.01		0.0
	1	104	19.93	20.34	20.40	20.03		0.0
	50	0	19.85	20.08	20.25	20.15	0-1	0.0
	50	28	19.84	20.04	20.24	20.01	0	0.0
	50	56	19.93	20.19	20.36	20.07	0-1	0.0
	100	0	19.79	20.15	20.23	20.06		0.0
DFT-s-OFDM 16QAM	1	1	20.07	20.25	20.56	20.25	0-1	0.0
CP-OFDM QPSK	1	1	20.01	20.36	20.17	20.27	0-1.5	0.0

FCC ID: A3LSMF731U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 113 of 188

Table H-220

NR Band n41 Antenna I Measured P_{Limit} for DSI = 0 (Body-worn or Phablet), or DSI = 4 (Earjack Active) - 30 MHz Bandwidth

NR Band n41 30 MHz Bandwidth									
			Channel					MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	502200 (2511 MHz)	510402 (2552.01 MHz)	518598 (2592.99 MHz)	526800 (2634 MHz)	534996 (2674.98 MHz)		
			Conducted Power [dBm]						
DFT-s-OFDM QPSK	1	1	20.01	20.07	20.16	20.04	20.18	0	0.0
	1	39	19.87	20.00	20.08	20.02	20.05		0.0
	1	76	19.88	20.09	20.18	20.18	20.16		0.0
	36	0	19.89	19.92	20.16	20.03	20.04	0-1	0.0
	36	21	19.86	19.97	20.20	20.01	20.05	0	0.0
	36	42	19.90	20.04	20.25	19.99	20.17	0-1	0.0
	75	0	19.90	19.95	20.18	20.09	20.04		0.0
DFT-s-OFDM 16QAM	1	1	19.76	20.64	20.23	20.69	20.22	0-1	0.0
CP-OFDM QPSK	1	1	20.05	20.42	20.17	20.19	20.11	0-1.5	0.0

Table H-221

NR Band n41 Antenna I Measured P_{Limit} for DSI = 0 (Body-worn or Phablet), or DSI = 4 (Earjack Active) - 20 MHz Bandwidth

NR Band n41 20 MHz Bandwidth									
			Channel					MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	501204 (2506.02 MHz)	509898 (2549.49 MHz)	518598 (2592.99 MHz)	527298 (2636.49 MHz)	535998 (2679.99 MHz)		
			Conducted Power [dBm]						
DFT-s-OFDM QPSK	1	1	19.92	19.85	20.28	20.15	20.01	0	0.0
	1	26	19.73	19.83	20.20	19.92	19.97		0.0
	1	49	19.74	19.89	20.25	19.98	20.06		0.0
	25	0	19.85	19.84	20.13	20.10	20.04	0-1	0.0
	25	13	19.74	19.89	20.17	20.04	20.03	0	0.0
	25	26	19.78	19.94	20.13	19.96	20.03	0-1	0.0
	50	0	19.76	19.88	20.19	20.01	20.06		0.0
DFT-s-OFDM 16QAM	1	1	20.10	19.88	20.11	20.17	20.05	0-1	0.0
CP-OFDM QPSK	1	1	19.98	19.86	20.22	20.19	19.97	0-1.5	0.0

FCC ID: A3LSMF731U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 114 of 188

Table H-222

NR Band n41 Antenna I Measured P_{Limit} for DSI = 0 (Body-worn or Phablet), or DSI = 4 (Earjack Active) - 15 MHz Bandwidth

NR Band n41 15 MHz Bandwidth									
			Channel					MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	500700 (2503.5 MHz)	509652 (2548.26 MHz)	518598 (2592.99 MHz)	527550 (2637.75 MHz)	536496 (2682.48 MHz)		
			Conducted Power [dBm]						
DFT-s-OFDM QPSK	1	1	19.87	19.93	20.21	20.14	20.05	0	0.0
	1	19	19.75	19.87	20.04	19.99	19.95		0.0
	1	36	19.78	19.97	20.15	19.97	20.02		0.0
	18	0	19.83	19.81	20.18	20.08	20.08	0-1	0.0
	18	10	19.77	19.85	20.20	20.02	20.04	0	0.0
	18	20	19.76	19.86	20.14	19.99	20.03	0-1	0.0
	36	0	19.80	19.87	20.20	20.07	20.01		0.0
DFT-s-OFDM 16QAM	1	1	19.71	20.04	19.91	20.09	20.14	0-1	0.0
CP-OFDM QPSK	1	1	20.00	20.01	20.19	20.26	20.11	0-1.5	0.0

Table H-223

NR Band n41 Antenna I Measured P_{Limit} for DSI = 0 (Body-worn or Phablet), or DSI = 4 (Earjack Active) - 10 MHz Bandwidth

NR Band n41 10 MHz Bandwidth									
			Channel					MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	500202 (2501.01 MHz)	509400 (2547 MHz)	518598 (2592.99 MHz)	527802 (2639.01 MHz)	537000 (2685 MHz)		
			Conducted Power [dBm]						
DFT-s-OFDM QPSK	1	1	19.70	19.75	20.04	19.97	19.99	0	0.0
	1	12	19.67	19.81	20.13	19.98	20.02		0.0
	1	22	19.60	19.91	20.09	20.02	19.99		0.0
	12	0	19.67	19.71	20.10	19.95	19.93	0-1	0.0
	12	6	19.64	19.80	20.11	19.91	19.96	0	0.0
	12	12	19.64	19.82	20.11	19.92	19.93	0-1	0.0
	24	0	19.65	19.86	20.13	19.93	19.94		0.0
DFT-s-OFDM 16QAM	1	1	19.61	19.79	20.11	20.07	20.02	0-1	0.0
CP-OFDM QPSK	1	1	19.69	19.88	20.18	19.88	19.83	0-1.5	0.0

FCC ID: A3LSMF731U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 115 of 188

Table H-224
NR Band n41 Antenna I Measured P_{Limit} for DSI = 2 (Head) - 90 MHz Bandwidth

NR Band n41 90 MHz Bandwidth						
			Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	508200 (2541 MHz)	528996 (2644.98 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM QPSK	1	1	12.68	12.89	0	0.0
	1	123	12.70	12.97		0.0
	1	243	12.60	12.77		0.0
	120	0	12.71	12.99	0-1	0.0
	120	63	12.73	12.98	0	0.0
	120	125	12.75	12.93	0-1	0.0
	243	0	12.71	12.98		0.0
DFT-s-OFDM 16QAM	1	1	12.99	12.82	0-1	0.0
CP-OFDM QPSK	1	1	12.66	12.95	0-1.5	0.0

Table H-225
NR Band n41 Antenna I Measured P_{Limit} for DSI = 2 (Head) - 80 MHz Bandwidth

NR Band n41 80 MHz Bandwidth						
			Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	507204 (2536.02 MHz)	529998 (2649.99 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM QPSK	1	1	12.71	12.87	0	0.0
	1	109	12.41	12.67		0.0
	1	215	12.63	12.76		0.0
	108	0	12.48	12.91	0-1	0.0
	108	55	12.47	12.77	0	0.0
	108	109	12.53	12.80	0-1	0.0
	216	0	12.48	12.81		0.0
DFT-s-OFDM 16QAM	1	1	12.75	13.10	0-1	0.0
CP-OFDM QPSK	1	1	12.71	12.99	0-1.5	0.0

FCC ID: A3LSMF731U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 116 of 188

Table H-226
NR Band n41 Antenna I Measured P_{Limit} for DSI = 2 (Head) - 70 MHz Bandwidth

NR Band n41 70 MHz Bandwidth						
			Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	506202 (2531.01 MHz)	531000 (2655 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM QPSK	1	1	12.73	13.06	0	0.0
	1	95	12.36	12.83		0.0
	1	187	12.60	12.77		0.0
	90	0	12.49	12.82	0-1	0.0
	90	50	12.49	12.80	0	0.0
	90	99	12.53	12.74	0-1	0.0
	180	0	12.51	12.72		0.0
DFT-s-OFDM 16QAM	1	1	12.71	12.77	0-1	0.0
CP-OFDM QPSK	1	1	12.71	12.90	0-1.5	0.0

Table H-227
NR Band n41 Antenna I Measured P_{Limit} for DSI = 2 (Head) - 60 MHz Bandwidth

NR Band n41 60 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	505200 (2526 MHz)	518598 (2592.99 MHz)	531996 (2659.98 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	12.84	13.11	13.28	0	0.0
	1	81	12.81	13.14	13.23		0.0
	1	160	12.94	13.26	12.95		0.0
	81	0	12.73	13.18	13.30	0-1	0.0
	81	41	12.73	13.07	13.23	0	0.0
	81	81	12.78	13.19	13.07	0-1	0.0
	162	0	12.73	13.10	13.17		0.0
DFT-s-OFDM 16QAM	1	1	12.68	13.03	13.04	0-1	0.0
CP-OFDM QPSK	1	1	12.81	13.09	13.27	0-1.5	0.0

FCC ID: A3LSMF731U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 117 of 188

Table H-228
NR Band n41 Antenna I Measured P_{Limit} for DSI = 2 (Head) - 50 MHz Bandwidth
NR Band n41
50 MHz Bandwidth

			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	504204 (2521.02 MHz)	518598 (2592.99 MHz)	532998 (2664.99 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	12.83	13.00	12.89	0	0.0
	1	67	12.64	13.06	12.85		0.0
	1	131	12.65	13.15	12.85		0.0
	64	0	12.76	13.14	12.85	0-1	0.0
	64	35	12.67	13.15	12.88	0	0.0
	64	69	12.55	13.25	12.88	0-1	0.0
	128	0	12.66	13.11	12.82		0.0
DFT-s-OFDM 16QAM	1	1	13.03	13.44	13.03	0-1	0.0
CP-OFDM QPSK	1	1	12.73	13.08	13.01	0-1.5	0.0

Table H-229
NR Band n41 Antenna I Measured P_{Limit} for DSI = 2 (Head) - 40 MHz Bandwidth
NR Band n41
40 MHz Bandwidth

			Channel				MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	503202 (2516.01 MHz)	513468 (2567.34 MHz)	523734 (2618.67 MHz)	534000 (2670 MHz)		
			Conducted Power [dBm]					
DFT-s-OFDM QPSK	1	1	12.99	13.17	13.40	13.37	0	0.0
	1	53	12.96	13.12	13.41	13.23		0.0
	1	104	12.93	13.39	13.57	13.19		0.0
	50	0	12.86	13.14	13.37	13.21	0-1	0.0
	50	28	12.92	13.07	13.38	13.12	0	0.0
	50	56	13.01	13.25	13.41	13.21	0-1	0.0
	100	0	12.93	13.10	13.42	13.16		0.0
DFT-s-OFDM 16QAM	1	1	13.11	13.24	13.56	13.26	0-1	0.0
CP-OFDM QPSK	1	1	12.99	13.23	13.44	13.34	0-1.5	0.0

Table H-230
NR Band n41 Antenna I Measured P_{Limit} for DSI = 2 (Head) - 30 MHz Bandwidth

NR Band n41 30 MHz Bandwidth									
			Channel					MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	502200 (2511 MHz)	510402 (2552.01 MHz)	518598 (2592.99 MHz)	526800 (2634 MHz)	534996 (2674.98 MHz)		
			Conducted Power [dBm]						
DFT-s-OFDM QPSK	1	1	12.98	13.10	13.27	13.22	13.18	0	0.0
	1	39	12.88	13.03	13.20	13.19	13.23		0.0
	1	76	12.80	13.16	13.37	13.25	13.24		0.0
	36	0	12.89	13.00	13.18	13.16	13.06	0-1	0.0
	36	21	12.92	13.05	13.21	13.21	13.19	0	0.0
	36	42	12.90	13.05	13.30	13.23	13.26	0-1	0.0
	75	0	12.95	13.04	13.26	13.23	13.22		0.0
DFT-s-OFDM 16QAM	1	1	12.70	12.97	13.38	13.14	13.23	0-1	0.0
CP-OFDM QPSK	1	1	13.09	12.98	13.25	13.25	13.12	0-1.5	0.0

Table H-231
NR Band n41 Antenna I Measured P_{Limit} for DSI = 2 (Head) - 20 MHz Bandwidth

NR Band n41 20 MHz Bandwidth									
			Channel					MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	501204 (2506.02 MHz)	509898 (2549.49 MHz)	518598 (2592.99 MHz)	527298 (2636.49 MHz)	535998 (2679.99 MHz)		
			Conducted Power [dBm]						
DFT-s-OFDM QPSK	1	1	12.94	12.88	13.25	13.17	13.23	0	0.0
	1	26	12.70	12.84	13.20	12.96	13.16		0.0
	1	49	12.78	12.95	13.24	13.08	13.23		0.0
	25	0	12.87	12.83	13.28	13.12	13.13	0-1	0.0
	25	13	12.77	12.91	13.21	13.06	13.17	0	0.0
	25	26	12.81	12.89	13.27	12.99	13.15	0-1	0.0
	50	0	12.80	12.91	13.24	13.09	13.17		0.0
DFT-s-OFDM 16QAM	1	1	13.31	12.89	13.30	13.20	13.28	0-1	0.0
CP-OFDM QPSK	1	1	12.99	12.83	13.19	13.20	13.18	0-1.5	0.0

Table H-232
NR Band n41 Antenna I Measured P_{Limit} for DSI = 2 (Head) - 15 MHz Bandwidth

NR Band n41 15 MHz Bandwidth									
			Channel					MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	500700 (2503.5 MHz)	509652 (2548.26 MHz)	518598 (2592.99 MHz)	527550 (2637.75 MHz)	536496 (2682.48 MHz)		
			Conducted Power [dBm]						
DFT-s-OFDM QPSK	1	1	12.85	12.94	13.22	13.31	13.22	0	0.0
	1	19	12.73	12.89	13.17	13.16	13.11		0.0
	1	36	12.78	13.00	13.25	13.14	13.14		0.0
	18	0	12.85	12.88	13.27	13.18	13.18	0-1	0.0
	18	10	12.78	12.79	13.21	13.16	13.13	0	0.0
	18	20	12.84	12.88	13.17	13.09	13.16	0-1	0.0
	36	0	12.78	12.83	13.25	13.16	13.17		0.0
DFT-s-OFDM 16QAM	1	1	13.29	13.12	12.93	13.25	13.28	0-1	0.0
CP-OFDM QPSK	1	1	12.91	12.87	13.18	13.23	13.18	0-1.5	0.0

Table H-233
NR Band n41 Antenna I Measured P_{Limit} for DSI = 2 (Head) - 10 MHz Bandwidth

NR Band n41 10 MHz Bandwidth									
			Channel					MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	500202 (2501.01 MHz)	509400 (2547 MHz)	518598 (2592.99 MHz)	527802 (2639.01 MHz)	537000 (2685 MHz)		
			Conducted Power [dBm]						
DFT-s-OFDM QPSK	1	1	12.68	12.68	13.15	13.13	13.13	0	0.0
	1	12	12.66	12.77	13.15	13.13	13.18		0.0
	1	22	12.74	12.96	13.13	13.08	13.14		0.0
	12	0	12.67	12.67	13.16	13.11	13.05	0-1	0.0
	12	6	12.78	12.78	13.17	13.07	13.06	0	0.0
	12	12	12.73	12.80	13.13	13.05	13.11	0-1	0.0
	24	0	12.78	12.79	13.18	13.08	13.09		0.0
DFT-s-OFDM 16QAM	1	1	12.64	12.84	13.23	13.10	13.19	0-1	0.0
CP-OFDM QPSK	1	1	12.66	12.82	13.30	13.04	12.95	0-1.5	0.0

Table H-234

NR Band n41 Antenna I Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 90 MHz Bandwidth

NR Band n41 90 MHz Bandwidth						
			Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	508200 (2541 MHz)	528996 (2644.98 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM QPSK	1	1	17.70	17.86	0	0.0
	1	123	17.81	18.03		0.0
	1	243	17.56	17.66		0.0
	120	0	17.68	17.93	0-1	0.0
	120	63	17.77	17.96	0	0.0
	120	125	17.75	17.80	0-1	0.0
	243	0	17.65	17.85		0.0
DFT-s-OFDM 16QAM	1	1	17.82	17.81	0-1	0.0
CP-OFDM QPSK	1	1	17.62	17.86	0-1.5	0.0

Table H-235

NR Band n41 Antenna I Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 80 MHz Bandwidth

NR Band n41 80 MHz Bandwidth						
			Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	507204 (2536.02 MHz)	529998 (2649.99 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM QPSK	1	1	17.61	17.85	0	0.0
	1	109	17.56	17.85		0.0
	1	215	17.53	17.89		0.0
	108	0	17.56	17.86	0-1	0.0
	108	55	17.54	17.78	0	0.0
	108	109	17.65	17.77	0-1	0.0
	216	0	17.56	17.83		0.0
DFT-s-OFDM 16QAM	1	1	17.88	17.71	0-1	0.0
CP-OFDM OPSK	1	1	17.67	17.86	0-1.5	0.0

FCC ID: A3LSMF731U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 121 of 188

Table H-236
NR Band n41 Antenna I Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 70 MHz Bandwidth

NR Band n41 70 MHz Bandwidth						
			Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	506202 (2531.01 MHz)	531000 (2655 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM QPSK	1	1	17.72	17.87	0	0.0
	1	95	17.52	17.85		0.0
	1	187	17.60	17.87		0.0
	90	0	17.68	17.82	0-1	0.0
	90	50	17.52	17.80	0	0.0
	90	99	17.60	17.84	0-1	0.0
	180	0	17.58	17.83		0.0
DFT-s-OFDM 16QAM	1	1	17.79	17.94	0-1	0.0
CP-OFDM QPSK	1	1	17.83	17.90	0-1.5	0.0

Table H-237
NR Band n41 Antenna I Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 60 MHz Bandwidth

NR Band n41 60 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	505200 (2526 MHz)	518598 (2592.99 MHz)	531996 (2659.98 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	17.78	18.10	18.14	0	0.0
	1	81	17.81	18.15	18.06		0.0
	1	160	17.88	18.16	17.82		0.0
	81	0	17.71	18.08	18.15	0-1	0.0
	81	41	17.80	18.06	18.05	0	0.0
	81	81	17.76	18.12	17.99	0-1	0.0
	162	0	17.78	18.11	18.04		0.0
DFT-s-OFDM 16QAM	1	1	17.57	18.06	18.06	0-1	0.0
CP-OFDM OPSK	1	1	17.75	18.01	18.15	0-1.5	0.0

FCC ID: A3LSMF731U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 122 of 188

Table H-238
NR Band n41 Antenna I Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 50 MHz Bandwidth

NR Band n41 50 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	504204 (2521.02 MHz)	518598 (2592.99 MHz)	532998 (2664.99 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	17.85	18.20	17.97	0	0.0
	1	67	17.65	18.33	17.88		0.0
	1	131	17.69	18.38	17.98		0.0
	64	0	17.81	18.13	17.83	0-1	0.0
	64	35	17.75	18.20	17.82	0	0.0
	64	69	17.73	18.19	17.88	0-1	0.0
	128	0	17.75	18.20	17.83		0.0
DFT-s-OFDM 16QAM	1	1	17.77	18.13	18.08	0-1	0.0
CP-OFDM QPSK	1	1	17.92	17.99	18.05	0-1.5	0.0

Table H-239
NR Band n41 Antenna I Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 40 MHz Bandwidth

NR Band n41 40 MHz Bandwidth								
			Channel				MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	503202 (2516.01 MHz)	513468 (2567.34 MHz)	523734 (2618.67 MHz)	534000 (2670 MHz)		
			Conducted Power [dBm]					
DFT-s-OFDM QPSK	1	1	18.08	18.57	18.30	18.31	0	0.0
	1	53	17.92	18.29	18.37	18.02		0.0
	1	104	17.94	18.41	18.45	18.03		0.0
	50	0	17.87	18.32	18.27	18.15	0-1	0.0
	50	28	17.90	18.25	18.31	18.05	0	0.0
	50	56	17.91	18.35	18.41	18.09	0-1	0.0
	100	0	17.84	18.38	18.25	18.08		0.0
DFT-s-OFDM 16QAM	1	1	18.05	18.51	18.37	18.18	0-1	0.0
CP-OFDM QPSK	1	1	17.97	18.48	18.32	18.27	0-1.5	0.0

FCC ID: A3LSMF731U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 123 of 188

Table H-240
NR Band n41 Antenna I Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 30 MHz Bandwidth

NR Band n41 30 MHz Bandwidth									
			Channel					MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	502200 (2511 MHz)	510402 (2552.01 MHz)	518598 (2592.99 MHz)	526800 (2634 MHz)	534996 (2674.98 MHz)		
			Conducted Power [dBm]						
DFT-s-OFDM QPSK	1	1	18.02	18.08	18.26	18.18	18.12	0	0.0
	1	39	17.88	18.01	18.08	18.10	18.02		0.0
	1	76	17.93	18.05	18.26	18.19	18.11		0.0
	36	0	17.89	17.93	18.20	18.07	18.03	0-1	0.0
	36	21	17.91	17.99	18.20	18.07	18.00	0	0.0
	36	42	17.99	18.06	18.25	18.04	18.16	0-1	0.0
	75	0	17.86	17.99	18.20	18.10	18.04		0.0
DFT-s-OFDM 16QAM	1	1	17.74	18.07	18.17	18.09	18.17	0-1	0.0
CP-OFDM QPSK	1	1	18.12	17.98	18.18	18.20	18.09	0-1.5	0.0

Table H-241
NR Band n41 Antenna I Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 20 MHz Bandwidth

NR Band n41 20 MHz Bandwidth									
			Channel					MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	501204 (2506.02 MHz)	509898 (2549.49 MHz)	518598 (2592.99 MHz)	527298 (2636.49 MHz)	535998 (2679.99 MHz)		
			Conducted Power [dBm]						
DFT-s-OFDM QPSK	1	1	18.03	18.09	18.26	18.17	17.81	0	0.0
	1	26	17.79	17.97	18.17	17.97	17.84		0.0
	1	49	17.79	18.09	18.23	18.03	17.91		0.0
	25	0	17.94	17.95	18.24	18.12	17.95	0-1	0.0
	25	13	17.84	17.96	18.27	17.99	17.92	0	0.0
	25	26	17.86	18.03	18.21	17.94	17.90	0-1	0.0
	50	0	17.83	17.93	18.31	18.04	17.91		0.0
DFT-s-OFDM 16QAM	1	1	18.03	18.23	18.38	18.09	17.92	0-1	0.0
CP-OFDM QPSK	1	1	18.05	18.04	18.37	18.34	17.73	0-1.5	0.0

Table H-242
NR Band n41 Antenna I Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 15 MHz Bandwidth

NR Band n41 15 MHz Bandwidth									
			Channel					MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	500700 (2503.5 MHz)	509652 (2548.26 MHz)	518598 (2592.99 MHz)	527550 (2637.75 MHz)	536496 (2682.48 MHz)		
			Conducted Power [dBm]						
DFT-s-OFDM QPSK	1	1	18.06	18.12	18.28	18.23	17.90	0	0.0
	1	19	17.86	18.12	18.13	18.04	17.82		0.0
	1	36	17.89	18.22	18.23	18.06	17.91		0.0
	18	0	17.98	18.04	18.27	18.16	17.96	0-1	0.0
	18	10	17.89	18.07	18.27	18.10	17.93	0	0.0
	18	20	17.85	18.04	18.27	18.10	17.93	0-1	0.0
	36	0	17.87	18.09	18.32	18.17	17.99		0.0
DFT-s-OFDM 16QAM	1	1	17.92	18.18	18.30	17.92	18.24	0-1	0.0
CP-OFDM QPSK	1	1	18.04	18.05	18.37	18.18	18.05	0-1.5	0.0

Table H-243
NR Band n41 Antenna I Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 10 MHz Bandwidth

NR Band n41 10 MHz Bandwidth									
			Channel					MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	500202 (2501.01 MHz)	509400 (2547 MHz)	518598 (2592.99 MHz)	527802 (2639.01 MHz)	537000 (2685 MHz)		
			Conducted Power [dBm]						
DFT-s-OFDM QPSK	1	1	17.81	18.10	18.12	18.15	17.92	0	0.0
	1	12	17.76	18.05	18.22	18.13	17.93		0.0
	1	22	17.72	18.06	18.21	18.17	17.95		0.0
	12	0	17.79	17.91	18.25	18.03	17.86	0-1	0.0
	12	6	17.73	17.99	18.23	17.99	17.87	0	0.0
	12	12	17.70	18.02	18.20	17.99	17.87	0-1	0.0
	24	0	17.75	18.02	18.22	18.05	17.88		0.0
DFT-s-OFDM 16QAM	1	1	17.89	18.11	17.89	17.98	17.66	0-1	0.0
CP-OFDM QPSK	1	1	17.74	17.99	18.14	17.97	17.91	0-1.5	0.0

H.2.12 NR Band n41 Antenna B, F, C

Table H-244

NR Band n41 Antenna B, F, C Measured P_{Limit} for DSI = 0 (Body-worn or Phablet), or DSI = 3 (Hotspot Mode), or DSI = 4 (Earjack Active) - 90 MHz Bandwidth

NR Band n41 90 MHz Bandwidth		
Channel		
Antenna	508200 (2541 MHz)	528996 (2644.98 MHz)
	Conducted Power [dBm]	
SRS #2 Ant B	16.42	16.62
SRS #3 Ant F	14.67	13.87
SRS #4 Ant C	15.50	15.96

Table H-245

NR Band n41 Antenna B, F, C Measured P_{Limit} for DSI = 0 (Body-worn or Phablet), or DSI = 3 (Hotspot Mode), or DSI = 4 (Earjack Active) - 80 MHz Bandwidth

NR Band n41 80 MHz Bandwidth		
Channel		
Antenna	507204 (2536.02 MHz)	529998 (2649.99 MHz)
	Conducted Power [dBm]	
SRS #2 Ant B	16.17	16.34
SRS #3 Ant F	14.54	13.88
SRS #4 Ant C	15.42	16.00

Table H-246

NR Band n41 Antenna B, F, C Measured P_{Limit} for DSI = 0 (Body-worn or Phablet), or DSI = 3 (Hotspot Mode), or DSI = 4 (Earjack Active) - 70 MHz Bandwidth

NR Band n41 70 MHz Bandwidth		
Channel		
Antenna	506202 (2531.01 MHz)	531000 (2655 MHz)
	Conducted Power [dBm]	
SRS #2 Ant B	16.04	16.23
SRS #3 Ant F	14.46	13.77
SRS #4 Ant C	15.38	15.93

FCC ID: A3LSMF731U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 126 of 188

Table H-247

NR Band n41 Antenna B, F, C Measured P_{Limit} for DSI = 0 (Body-worn or Phablet), or DSI = 3 (Hotspot Mode), or DSI = 4 (Earjack Active) - 60 MHz Bandwidth

NR Band n41 60 MHz Bandwidth			
Channel			
Antenna	505200 (2526 MHz)	518598 (2592.99 MHz)	531996 (2659.98 MHz)
	Conducted Power [dBm]		
SRS #2 Ant B	16.22	16.97	16.37
SRS #3 Ant F	14.63	15.15	13.78
SRS #4 Ant C	15.55	16.01	16.08

Table H-248

NR Band n41 Antenna B, F, C Measured P_{Limit} for DSI = 0 (Body-worn or Phablet), or DSI = 3 (Hotspot Mode), or DSI = 4 (Earjack Active) - 50 MHz Bandwidth

NR Band n41 50 MHz Bandwidth			
Channel			
Antenna	504204 (2521.02 MHz)	518598 (2592.99 MHz)	532998 (2664.99 MHz)
	Conducted Power [dBm]		
SRS #2 Ant B	16.29	16.91	16.40
SRS #3 Ant F	14.57	15.29	13.84
SRS #4 Ant C	15.67	16.08	16.05

Table H-249

NR Band n41 Antenna B, F, C Measured P_{Limit} for DSI = 0 (Body-worn or Phablet), or DSI = 3 (Hotspot Mode), or DSI = 4 (Earjack Active) - 40 MHz Bandwidth

NR Band n41 40 MHz Bandwidth				
Channel				
Antenna	503202 (2516.01 MHz)	513468 (2567.34 MHz)	523734 (2618.67 MHz)	534000 (2670 MHz)
	Conducted Power [dBm]			
SRS #2 Ant B	16.33	16.74	16.82	16.33
SRS #3 Ant F	14.63	15.27	14.91	13.70
SRS #4 Ant C	15.74	16.01	16.16	16.04

FCC ID: A3LSMF731U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 127 of 188

Table H-250

NR Band n41 Antenna B, F, C Measured P_{Limit} for DSI = 0 (Body-worn or Phablet), or DSI = 3 (Hotspot Mode), or DSI = 4 (Earjack Active) - 30 MHz Bandwidth

NR Band n41 30 MHz Bandwidth					
Channel					
Antenna	502200 (2511 MHz)	510402 (2552.01 MHz)	518598 (2592.99 MHz)	526800 (2634 MHz)	534996 (2674.98 MHz)
	Conducted Power [dBm]				
SRS #2 Ant B	16.27	16.54	17.03	16.60	16.32
SRS #3 Ant F	14.61	15.04	15.20	14.54	13.54
SRS #4 Ant C	15.18	15.80	16.06	16.07	16.12

Table H-251

NR Band n41 Antenna B, F, C Measured P_{Limit} for DSI = 0 (Body-worn or Phablet), or DSI = 3 (Hotspot Mode), or DSI = 4 (Earjack Active) - 20 MHz Bandwidth

NR Band n41 20 MHz Bandwidth					
Channel					
Antenna	501204 (2506.02 MHz)	509898 (2549.49 MHz)	518598 (2592.99 MHz)	527298 (2636.49 MHz)	535998 (2679.99 MHz)
	Conducted Power [dBm]				
SRS #2 Ant B	16.38	16.34	17.04	16.57	16.30
SRS #3 Ant F	14.64	14.81	15.21	14.57	13.66
SRS #4 Ant C	15.32	15.63	16.07	16.04	16.11

Table H-252

NR Band n41 Antenna B, F, C Measured P_{Limit} for DSI = 0 (Body-worn or Phablet), or DSI = 3 (Hotspot Mode), or DSI = 4 (Earjack Active) - 15 MHz Bandwidth

NR Band n41 15 MHz Bandwidth					
Channel					
Antenna	500700 (2503.5 MHz)	509652 (2548.26 MHz)	518598 (2592.99 MHz)	527550 (2637.75 MHz)	536496 (2682.48 MHz)
	Conducted Power [dBm]				
SRS #2 Ant B	16.31	16.35	17.05	16.57	16.20
SRS #3 Ant F	14.58	14.81	15.21	14.57	13.65
SRS #4 Ant C	15.67	15.65	16.00	16.03	16.02

FCC ID: A3LSMF731U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 128 of 188

Table H-253

NR Band n41 Antenna B, F, C Measured P_{Limit} for DSI = 0 (Body-worn or Phablet), or DSI = 3 (Hotspot Mode), or DSI = 4 (Earjack Active) - 10 MHz Bandwidth

NR Band n41 10 MHz Bandwidth					
Channel					
Antenna	500202 (2501.01 MHz)	509400 (2547 MHz)	518598 (2592.99 MHz)	527802 (2639.01 MHz)	537000 (2685 MHz)
	Conducted Power [dBm]				
SRS #2 Ant B	16.31	16.28	16.91	16.38	16.12
SRS #3 Ant F	14.66	14.82	15.29	14.48	13.60
SRS #4 Ant C	15.91	15.58	15.99	15.84	15.94

Table H-254

NR Band n41 Antenna B, F, C Measured P_{Limit} for DSI = 2 (Head) - 90 MHz Bandwidth

NR Band n41 90 MHz Bandwidth		
Channel		
Antenna	508200 (2541 MHz)	528996 (2644.98 MHz)
	Conducted Power [dBm]	
SRS #2 Ant B	11.42	11.64
SRS #3 Ant F	9.76	9.08
SRS #4 Ant C	10.71	11.10

Table H-255

NR Band n41 Antenna B, F, C Measured P_{Limit} for DSI = 2 (Head) - 80 MHz Bandwidth

NR Band n41 80 MHz Bandwidth		
Channel		
Antenna	507204 (2536.02 MHz)	529998 (2649.99 MHz)
	Conducted Power [dBm]	
SRS #2 Ant B	11.22	11.35
SRS #3 Ant F	9.65	8.94
SRS #4 Ant C	10.69	11.03

FCC ID: A3LSMF731U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 129 of 188

Table H-256
NR Band n41 Antenna B, F, C Measured P_{Limit} for DSI = 2 (Head) - 70 MHz Bandwidth

NR Band n41 70 MHz Bandwidth		
Channel		
Antenna	506202 (2531.01 MHz)	531000 (2655 MHz)
	Conducted Power [dBm]	
SRS #2 Ant B	11.17	11.37
SRS #3 Ant F	9.56	8.96
SRS #4 Ant C	10.68	11.10

Table H-257
NR Band n41 Antenna B, F, C Measured P_{Limit} for DSI = 2 (Head) - 60 MHz Bandwidth

NR Band n41 60 MHz Bandwidth			
Channel			
Antenna	505200 (2526 MHz)	518598 (2592.99 MHz)	531996 (2659.98 MHz)
	Conducted Power [dBm]		
SRS #2 Ant B	11.33	11.81	11.40
SRS #3 Ant F	9.72	10.14	8.87
SRS #4 Ant C	10.75	11.06	11.15

Table H-258
NR Band n41 Antenna B, F, C Measured P_{Limit} for DSI = 2 (Head) - 50 MHz Bandwidth

NR Band n41 50 MHz Bandwidth			
Channel			
Antenna	504204 (2521.02 MHz)	518598 (2592.99 MHz)	532998 (2664.99 MHz)
	Conducted Power [dBm]		
SRS #2 Ant B	11.38	11.94	11.47
SRS #3 Ant F	9.67	10.28	8.89
SRS #4 Ant C	10.85	11.14	11.09

Table H-259
NR Band n41 Antenna B, F, C Measured P_{Limit} for DSI = 2 (Head) - 40 MHz Bandwidth

NR Band n41 40 MHz Bandwidth				
Channel				
Antenna	503202 (2516.01 MHz)	513468 (2567.34 MHz)	523734 (2618.67 MHz)	534000 (2670 MHz)
	Conducted Power [dBm]			
SRS #2 Ant B	11.40	11.81	11.90	11.42
SRS #3 Ant F	9.70	10.28	9.99	8.80
SRS #4 Ant C	10.90	11.06	11.25	11.13

Table H-260
NR Band n41 Antenna B, F, C Measured P_{Limit} for DSI = 2 (Head) - 30 MHz Bandwidth

NR Band n41 30 MHz Bandwidth					
Channel					
Antenna	502200 (2511 MHz)	510402 (2552.01 MHz)	518598 (2592.99 MHz)	526800 (2634 MHz)	534996 (2674.98 MHz)
	Conducted Power [dBm]				
SRS #2 Ant B	11.42	11.62	11.95	11.75	11.41
SRS #3 Ant F	9.78	10.09	10.34	9.66	8.65
SRS #4 Ant C	10.93	10.89	11.18	11.19	11.22

Table H-261
NR Band n41 Antenna B, F, C Measured P_{Limit} for DSI = 2 (Head) - 20 MHz Bandwidth

NR Band n41 20 MHz Bandwidth					
Channel					
Antenna	501204 (2506.02 MHz)	509898 (2549.49 MHz)	518598 (2592.99 MHz)	527298 (2636.49 MHz)	535998 (2679.99 MHz)
	Conducted Power [dBm]				
SRS #2 Ant B	11.44	11.49	11.95	11.67	11.39
SRS #3 Ant F	9.65	9.91	10.32	9.61	8.59
SRS #4 Ant C	10.98	10.79	11.18	11.15	11.21

FCC ID: A3LSMF731U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 131 of 188

Table H-262
NR Band n41 Antenna B, F, C Measured P_{Limit} for DSI = 2 (Head) - 15 MHz Bandwidth

NR Band n41 15 MHz Bandwidth					
Channel					
Antenna	500700 (2503.5 MHz)	509652 (2548.26 MHz)	518598 (2592.99 MHz)	527550 (2637.75 MHz)	536496 (2682.48 MHz)
	Conducted Power [dBm]				
SRS #2 Ant B	11.46	11.36	11.96	11.67	11.40
SRS #3 Ant F	9.70	9.84	10.34	9.69	8.68
SRS #4 Ant C	11.06	10.70	11.17	11.16	11.22

Table H-263
NR Band n41 Antenna B, F, C Measured P_{Limit} for DSI = 2 (Head) - 10 MHz Bandwidth

NR Band n41 10 MHz Bandwidth					
Channel					
Antenna	500202 (2501.01 MHz)	509400 (2547 MHz)	518598 (2592.99 MHz)	527802 (2639.01 MHz)	537000 (2685 MHz)
	Conducted Power [dBm]				
SRS #2 Ant B	11.30	11.32	11.91	11.49	11.27
SRS #3 Ant F	9.66	9.87	10.29	9.63	8.63
SRS #4 Ant C	10.95	10.62	11.13	10.94	11.13

FCC ID: A3LSMF731U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 132 of 188

H.2.13 NR Band n48 Antenna F

Table H-264

NR Band n48 Antenna F Measured P_{Limit} for DSI = 0 (Body-worn or Phablet), or DSI = 4 (Earjack Active) - 30 MHz Bandwidth

NR Band n48 30 MHz Bandwidth								
			Channel				MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	637668 (3565.02 MHz)	640334 (3605.01 MHz)	643000 (3645 MHz)	645666 (3684.99 MHz)		
Conducted Power [dBm]								
DFT-s-OFDM QPSK	1	1	17.97	17.59	17.35	17.35	0	0.0
	1	39	17.75	17.47	17.46	17.29		0.0
	1	76	17.65	17.38	17.49	17.41		0.0
	36	0	17.92	17.58	17.41	17.32	0-1	0.0
	36	21	17.83	17.52	17.54	17.37	0	0.0
	36	42	17.68	17.45	17.52	17.47	0-1	0.0
	75	0	17.87	17.56	17.57	17.41		0.0
DFT-s-OFDM 16QAM	1	1	18.21	17.53	17.30	17.47	0-1	0.0
CP-OFDM QPSK	1	1	18.10	17.55	17.62	17.36	0-1.5	0.0

Table H-265

NR Band n48 Antenna F Measured P_{Limit} for DSI = 0 (Body-worn or Phablet), or DSI = 4 (Earjack Active) - 20 MHz Bandwidth

NR Band n48 20 MHz Bandwidth								
			Channel				MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	637334 (3560.01 MHz)	640222 (3603.33 MHz)	643112 (3646.68 MHz)	646000 (3690 MHz)		
Conducted Power [dBm]								
DFT-s-OFDM QPSK	1	1	18.03	17.46	17.38	17.62	0	0.0
	1	26	17.85	17.38	17.39	17.38		0.0
	1	49	17.80	17.51	17.53	17.58		0.0
	25	0	18.05	17.40	17.44	17.41	0-1	0.0
	25	13	17.95	17.39	17.46	17.52	0	0.0
	25	26	17.90	17.41	17.58	17.55	0-1	0.0
	50	0	17.99	17.43	17.45	17.53		0.0
DFT-s-OFDM 16QAM	1	1	18.23	17.63	17.77	17.75	0-1	0.0
CP-OFDM QPSK	1	1	18.18	17.54	17.48	17.56	0-1.5	0.0

FCC ID: A3LSMF731U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 133 of 188

Table H-266
NR Band n48 Antenna F Measured P_{Limit} for DSI = 0 (Body-worn or Phablet), or DSI = 4 (Earjack Active) - 15 MHz Bandwidth

NR Band n48 15 MHz Bandwidth								
			Channel				MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	637168 (3557.52 MHz)	640166 (3602.49 MHz)	643166 (3647.49 MHz)	646166 (3692.49 MHz)		
Conducted Power [dBm]								
DFT-s-OFDM QPSK	1	1	18.03	17.38	17.31	17.44	0	0.0
	1	19	17.91	17.42	17.29	17.58		0.0
	1	36	17.95	17.47	17.50	17.71		0.0
	18	0	18.03	17.32	17.40	17.57	0-1	0.0
	18	10	17.88	17.38	17.41	17.66	0	0.0
	18	20	17.93	17.42	17.50	17.69	0-1	0.0
	36	0	17.92	17.42	17.36	17.66		0.0
DFT-s-OFDM 16QAM	1	1	18.05	17.35	17.45	17.70	0-1	0.0
CP-OFDM QPSK	1	1	18.00	17.37	17.42	17.66	0-1.5	0.0

Table H-267
NR Band n48 Antenna F Measured P_{Limit} for DSI = 0 (Body-worn or Phablet), or DSI = 4 (Earjack Active) - 10 MHz Bandwidth

NR Band n48 10 MHz Bandwidth								
			Channel				MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	637000 (3555 MHz)	640112 (3601.68 MHz)	643222 (3648.33 MHz)	646332 (3694.98 MHz)		
Conducted Power [dBm]								
DFT-s-OFDM QPSK	1	1	17.82	17.17	17.20	17.45	0	0.0
	1	12	17.84	17.13	17.20	17.49		0.0
	1	22	17.75	17.18	17.31	17.62		0.0
	12	0	17.85	17.15	17.22	17.63	0-1	0.0
	12	6	17.92	17.22	17.27	17.71	0	0.0
	12	12	17.92	17.24	17.18	17.65	0-1	0.0
	24	0	17.93	17.20	17.22	17.74		0.0
DFT-s-OFDM 16QAM	1	1	17.93	17.19	17.10	17.57	0-1	0.0
CP-OFDM QPSK	1	1	17.91	17.30	17.23	17.58	0-1.5	0.0

FCC ID: A3LSMF731U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 134 of 188

Table H-268
NR Band n48 Antenna F Measured P_{Limit} for DSI = 2 (Head) - 30 MHz Bandwidth

NR Band n48 30 MHz Bandwidth								
			Channel				MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	637668 (3565.02 MHz)	640334 (3605.01 MHz)	643000 (3645 MHz)	645666 (3684.99 MHz)		
			Conducted Power [dBm]					
DFT-s-OFDM QPSK	1	1	12.97	12.88	12.35	12.11	0	0.0
	1	39	12.92	12.55	12.37	12.03		0.0
	1	76	12.88	12.87	12.24	12.13		0.0
	36	0	12.88	12.95	12.45	12.16	0-1	0.0
	36	21	12.85	12.77	12.41	12.20	0	0.0
	36	42	12.88	12.50	12.30	12.22	0-1	0.0
	75	0	12.90	12.62	12.28	12.15		0.0
DFT-s-OFDM 16QAM	1	1	12.55	13.01	12.80	12.40	0-1	0.0
CP-OFDM QPSK	1	1	12.82	13.10	12.50	12.09	0-1.5	0.0

Table H-269
NR Band n48 Antenna F Measured P_{Limit} for DSI = 2 (Head) - 20 MHz Bandwidth

NR Band n48 20 MHz Bandwidth								
			Channel				MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	637334 (3560.01 MHz)	640222 (3603.33 MHz)	643112 (3646.68 MHz)	646000 (3690 MHz)		
			Conducted Power [dBm]					
DFT-s-OFDM QPSK	1	1	12.56	12.72	12.33	12.13	0	0.0
	1	26	12.45	12.61	12.15	12.04		0.0
	1	49	12.76	12.49	12.25	12.06		0.0
	25	0	12.63	12.70	12.11	12.07	0-1	0.0
	25	13	12.67	12.66	12.20	12.09	0	0.0
	25	26	12.75	12.60	12.10	12.19	0-1	0.0
	50	0	12.72	12.62	12.15	12.13		0.0
DFT-s-OFDM 16QAM	1	1	12.60	12.51	12.30	12.05	0-1	0.0
CP-OFDM QPSK	1	1	12.61	12.77	12.24	12.29	0-1.5	0.0

FCC ID: A3LSMF731U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 135 of 188

Table H-270
NR Band n48 Antenna F Measured P_{Limit} for DSI = 2 (Head) - 15 MHz Bandwidth

NR Band n48 15 MHz Bandwidth								
			Channel				MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	637168 (3557.52 MHz)	640166 (3602.49 MHz)	643166 (3647.49 MHz)	646166 (3692.49 MHz)		
Conducted Power [dBm]								
DFT-s-OFDM QPSK	1	1	12.15	12.57	12.34	12.15	0	0.0
	1	19	12.16	12.47	12.22	12.02		0.0
	1	36	12.39	12.47	12.22	12.14		0.0
	18	0	12.56	12.63	12.15	12.14	0-1	0.0
	18	10	12.56	12.53	12.17	12.03	0	0.0
	18	20	12.64	12.50	12.13	12.15	0-1	0.0
	36	0	12.61	12.64	12.28	12.14		0.0
DFT-s-OFDM 16QAM	1	1	12.60	12.70	12.30	12.10	0-1	0.0
CP-OFDM QPSK	1	1	12.59	12.70	12.26	12.04	0-1.5	0.0

Table H-271
NR Band n48 Antenna F Measured P_{Limit} for DSI = 2 (Head) - 10 MHz Bandwidth

NR Band n48 10 MHz Bandwidth								
			Channel				MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	637000 (3555 MHz)	640112 (3601.68 MHz)	643222 (3648.33 MHz)	646332 (3694.98 MHz)		
Conducted Power [dBm]								
DFT-s-OFDM QPSK	1	1	12.50	12.54	12.03	12.09	0	0.0
	1	12	12.62	12.56	12.11	12.13		0.0
	1	22	12.62	12.46	12.22	12.39		0.0
	12	0	12.60	12.65	12.16	12.01	0-1	0.0
	12	6	12.73	12.57	12.07	12.11	0	0.0
	12	12	12.65	12.62	12.11	12.13	0-1	0.0
	24	0	12.74	12.53	12.11	12.16		0.0
DFT-s-OFDM 16QAM	1	1	12.60	12.59	12.36	12.00	0-1	0.0
CP-OFDM QPSK	1	1	12.61	12.66	12.19	12.05	0-1.5	0.0

Table H-272
NR Band n48 Antenna F Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 30 MHz Bandwidth

NR Band n48 30 MHz Bandwidth								
			Channel				MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	637668 (3565.02 MHz)	640334 (3605.01 MHz)	643000 (3645 MHz)	645666 (3684.99 MHz)		
			Conducted Power [dBm]					
DFT-s-OFDM QPSK	1	1	14.04	13.51	13.41	13.57	0	0.0
	1	39	13.81	13.42	13.47	13.54		0.0
	1	76	13.67	13.33	13.46	13.70		0.0
	36	0	13.89	13.47	13.40	13.55	0-1	0.0
	36	21	13.78	13.43	13.49	13.59	0	0.0
	36	42	13.59	13.31	13.48	13.67	0-1	0.0
	75	0	13.79	13.43	13.49	13.57		0.0
DFT-s-OFDM 16QAM	1	1	14.05	13.37	13.24	13.66	0-1	0.0
CP-OFDM QPSK	1	1	13.99	13.37	13.52	13.67	0-1.5	0.0

Table H-273
NR Band n48 Antenna F Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 20 MHz Bandwidth

NR Band n48 20 MHz Bandwidth								
			Channel				MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	637334 (3560.01 MHz)	640222 (3603.33 MHz)	643112 (3646.68 MHz)	646000 (3690 MHz)		
			Conducted Power [dBm]					
DFT-s-OFDM QPSK	1	1	13.94	13.51	13.33	13.53	0	0.0
	1	26	13.75	13.38	13.29	13.53		0.0
	1	49	13.71	13.47	13.49	13.62		0.0
	25	0	13.91	13.34	13.42	13.41	0-1	0.0
	25	13	13.82	13.32	13.36	13.51	0	0.0
	25	26	13.77	13.33	13.48	13.45	0-1	0.0
	50	0	13.90	13.37	13.33	13.51		0.0
DFT-s-OFDM 16QAM	1	1	14.03	13.59	13.70	13.68	0-1	0.0
CP-OFDM QPSK	1	1	13.98	13.41	13.49	13.47	0-1.5	0.0

FCC ID: A3LSMF731U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 137 of 188

Table H-274
NR Band n48 Antenna F Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 15 MHz Bandwidth

NR Band n48 15 MHz Bandwidth								
			Channel				MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	637168 (3557.52 MHz)	640166 (3602.49 MHz)	643166 (3647.49 MHz)	646166 (3692.49 MHz)		
			Conducted Power [dBm]					
DFT-s-OFDM QPSK	1	1	13.94	13.44	13.21	13.52	0	0.0
	1	19	13.80	13.42	13.20	13.62		0.0
	1	36	13.82	13.42	13.42	13.76		0.0
	18	0	13.88	13.34	13.33	13.55	0-1	0.0
	18	10	13.78	13.35	13.31	13.60	0	0.0
	18	20	13.84	13.34	13.34	13.63	0-1	0.0
	36	0	13.85	13.33	13.30	13.63		0.0
DFT-s-OFDM 16QAM	1	1	13.94	13.26	13.38	13.61	0-1	0.0
CP-OFDM QPSK	1	1	14.07	13.31	13.33	13.63	0-1.5	0.0

Table H-275
NR Band n48 Antenna F Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 10 MHz Bandwidth

NR Band n48 10 MHz Bandwidth								
			Channel				MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	637000 (3555 MHz)	640112 (3601.68 MHz)	643222 (3648.33 MHz)	646332 (3694.98 MHz)		
			Conducted Power [dBm]					
DFT-s-OFDM QPSK	1	1	13.71	13.25	13.08	13.55	0	0.0
	1	12	13.73	13.23	13.07	13.56		0.0
	1	22	13.65	13.21	13.18	13.61		0.0
	12	0	13.75	13.11	13.09	13.56	0-1	0.0
	12	6	13.73	13.21	13.14	13.67	0	0.0
	12	12	13.74	13.25	13.11	13.63	0-1	0.0
	24	0	13.76	13.16	13.16	13.64		0.0
DFT-s-OFDM 16QAM	1	1	13.77	13.15	13.01	13.50	0-1	0.0
CP-OFDM QPSK	1	1	13.81	13.18	13.12	13.50	0-1.5	0.0

H.2.14 NR Band n48 Antenna I, E, C

Table H-276

NR Band n48 Antenna I, E, C Measured P_{Limit} for DSI = 0 (Body-worn or Phablet), or DSI = 4 (Earjack Active) - 30 MHz Bandwidth

NR Band n48 30 MHz Bandwidth				
Channel				
Antenna	637668 (3565.02 MHz)	640334 (3605.01 MHz)	643000 (3645 MHz)	645666 (3684.99 MHz)
	Conducted Power [dBm]			
SRS #2 Ant I	12.10	11.82	11.87	11.92
SRS #3 Ant E	14.93	14.81	14.85	14.89
SRS #4 Ant C	16.08	16.31	16.29	16.14

Table H-277

NR Band n48 Antenna I, E, C Measured P_{Limit} for DSI = 0 (Body-worn or Phablet), or DSI = 4 (Earjack Active) - 20 MHz Bandwidth

NR Band n48 20 MHz Bandwidth				
Channel				
Antenna	637334 (3560.01 MHz)	640222 (3603.33 MHz)	643112 (3646.68 MHz)	646000 (3690 MHz)
	Conducted Power [dBm]			
SRS #2 Ant I	11.98	11.71	11.77	11.90
SRS #3 Ant E	14.75	14.61	14.75	14.84
SRS #4 Ant C	16.42	16.16	16.20	16.12

Table H-278

NR Band n48 Antenna I, E, C Measured P_{Limit} for DSI = 0 (Body-worn or Phablet), or DSI = 4 (Earjack Active) - 15 MHz Bandwidth

NR Band n48 15 MHz Bandwidth				
Channel				
Antenna	637168 (3557.52 MHz)	640166 (3602.49 MHz)	643166 (3647.49 MHz)	646166 (3692.49 MHz)
	Conducted Power [dBm]			
SRS #2 Ant I	11.94	11.71	11.76	11.92
SRS #3 Ant E	14.70	14.60	14.76	14.88
SRS #4 Ant C	16.42	16.23	16.20	16.14

FCC ID: A3LSMF731U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 139 of 188

Table H-279

NR Band n48 Antenna I, E, C Measured P_{Limit} for DSI = 0 (Body-worn or Phablet), or DSI = 4 (Earjack Active) - 10 MHz Bandwidth

NR Band n48 10 MHz Bandwidth				
Channel				
Antenna	637000 (3555 MHz)	640112 (3601.68 MHz)	643222 (3648.33 MHz)	646332 (3694.98 MHz)
	Conducted Power [dBm]			
SRS #2 Ant I	11.83	11.57	11.65	11.80
SRS #3 Ant E	14.55	14.43	14.61	14.73
SRS #4 Ant C	16.28	16.06	16.05	16.00

Table H-280

NR Band n48 Antenna I, E, C Measured P_{Limit} for DSI = 2 (Head) - 30 MHz Bandwidth

NR Band n48 30 MHz Bandwidth				
Channel				
Antenna	637668 (3565.02 MHz)	640334 (3605.01 MHz)	643000 (3645 MHz)	645666 (3684.99 MHz)
	Conducted Power [dBm]			
SRS #2 Ant I	6.92	6.76	6.71	6.79
SRS #3 Ant E	9.77	9.65	9.72	9.66
SRS #4 Ant C	10.88	11.25	11.15	11.00

Table H-281

NR Band n48 Antenna I, E, C Measured P_{Limit} for DSI = 2 (Head) - 20 MHz Bandwidth

NR Band n48 20 MHz Bandwidth				
Channel				
Antenna	637334 (3560.01 MHz)	640222 (3603.33 MHz)	643112 (3646.68 MHz)	646000 (3690 MHz)
	Conducted Power [dBm]			
SRS #2 Ant I	6.78	6.66	6.73	6.74
SRS #3 Ant E	9.56	9.53	9.69	9.69
SRS #4 Ant C	11.22	11.14	11.14	10.98

FCC ID: A3LSMF731U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 140 of 188

Table H-282

NR Band n48 Antenna I, E, C Measured P_{Limit} for DSI = 2 (Head) - 15 MHz Bandwidth

NR Band n48 15 MHz Bandwidth				
Channel				
Antenna	637168 (3557.52 MHz)	640166 (3602.49 MHz)	643166 (3647.49 MHz)	646166 (3692.49 MHz)
	Conducted Power [dBm]			
SRS #2 Ant I	6.76	6.64	6.71	6.77
SRS #3 Ant E	9.50	9.51	9.71	9.77
SRS #4 Ant C	11.18	11.15	11.15	11.03

Table H-283

NR Band n48 Antenna I, E, C Measured P_{Limit} for DSI = 2 (Head) - 10 MHz Bandwidth

NR Band n48 10 MHz Bandwidth				
Channel				
Antenna	637000 (3555 MHz)	640112 (3601.68 MHz)	643222 (3648.33 MHz)	646332 (3694.98 MHz)
	Conducted Power [dBm]			
SRS #2 Ant I	6.71	6.49	6.62	6.70
SRS #3 Ant E	9.42	9.32	9.57	9.60
SRS #4 Ant C	11.17	10.96	11.01	10.92

Table H-284

NR Band n48 Antenna I, E, C Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 30 MHz Bandwidth

NR Band n48 30 MHz Bandwidth				
Channel				
Antenna	637668 (3565.02 MHz)	640334 (3605.01 MHz)	643000 (3645 MHz)	645666 (3684.99 MHz)
	Conducted Power [dBm]			
SRS #2 Ant I	7.99	7.81	7.84	7.90
SRS #3 Ant E	10.86	10.71	10.79	10.80
SRS #4 Ant C	12.07	12.34	12.22	12.13

FCC ID: A3LSMF731U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 141 of 188

Table H-285
NR Band n48 Antenna I, E, C Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 20 MHz Bandwidth

NR Band n48 20 MHz Bandwidth				
Channel				
Antenna	637334 (3560.01 MHz)	640222 (3603.33 MHz)	643112 (3646.68 MHz)	646000 (3690 MHz)
	Conducted Power [dBm]			
SRS #2 Ant I	7.94	7.73	7.75	7.87
SRS #3 Ant E	10.77	10.61	10.71	10.80
SRS #4 Ant C	12.41	12.21	12.15	12.15

Table H-286
NR Band n48 Antenna I, E, C Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 15 MHz Bandwidth

NR Band n48 15 MHz Bandwidth				
Channel				
Antenna	637168 (3557.52 MHz)	640166 (3602.49 MHz)	643166 (3647.49 MHz)	646166 (3692.49 MHz)
	Conducted Power [dBm]			
SRS #2 Ant I	7.91	7.72	7.71	7.88
SRS #3 Ant E	10.66	10.61	10.72	10.83
SRS #4 Ant C	12.38	12.23	12.19	12.17

Table H-287
NR Band n48 Antenna I, E, C Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 10 MHz Bandwidth

NR Band n48 10 MHz Bandwidth				
Channel				
Antenna	637000 (3555 MHz)	640112 (3601.68 MHz)	643222 (3648.33 MHz)	646332 (3694.98 MHz)
	Conducted Power [dBm]			
SRS #2 Ant I	7.79	7.55	7.60	7.82
SRS #3 Ant E	10.54	10.43	10.56	10.71
SRS #4 Ant C	12.27	12.07	12.06	12.02

H.2.15 NR Band n77 DoD Antenna F

Table H-288

NR Band n77 DoD Antenna F Measured P_{Limit} for DSI = 0 (Body-worn or Phablet), or DSI = 4 (Earjack Active) - 90 MHz Bandwidth

NR Band n77 DoD 90 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			633334 (3500.01 MHz) Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	16.06	0	0.0
	1	123	16.00		0.0
	1	243	16.05		0.0
	120	0	15.95	0-1	0.0
	120	63	15.99	0	0.0
	120	125	15.96	0-1	0.0
	243	0	16.05		0.0
DFT-s-OFDM 16QAM	1	1	15.93	0-1	0.0
CP-OFDM QPSK	1	1	16.05	0-1.5	0.0

Table H-289

NR Band n77 DoD Antenna F Measured P_{Limit} for DSI = 0 (Body-worn or Phablet), or DSI = 4 (Earjack Active) - 80 MHz Bandwidth

NR Band n77 DoD 80 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			633334 (3500.01 MHz) Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	16.16	0	0.0
	1	109	16.17		0.0
	1	215	16.17		0.0
	108	0	16.12	0-1	0.0
	108	55	16.14	0	0.0
	108	109	16.13	0-1	0.0
	216	0	16.17		0.0
DFT-s-OFDM 16QAM	1	1	15.97	0-1	0.0
CP-OFDM QPSK	1	1	16.02	0-1.5	0.0

FCC ID: A3LSMF731U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 143 of 188

Table H-290
NR Band n77 DoD Antenna F Measured P_{Limit} for DSI = 0 (Body-worn or Phablet), or DSI = 4 (Earjack Active) - 70 MHz Bandwidth

NR Band n77 DoD 70 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			633334 (3500.01 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	16.20	0	0.0
	1	95	16.19		0.0
	1	187	16.17		0.0
	90	0	16.20	0-1	0.0
	90	50	16.16	0	0.0
	90	99	16.20	0-1	0.0
	180	0	16.20		0.0
DFT-s-OFDM 16QAM	1	1	15.89	0-1	0.0
CP-OFDM QPSK	1	1	16.00	0-1.5	0.0

Table H-291
NR Band n77 DoD Antenna F Measured P_{Limit} for DSI = 0 (Body-worn or Phablet), or DSI = 4 (Earjack Active) - 60 MHz Bandwidth

NR Band n77 DoD 60 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			633334 (3500.01 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	16.17	0	0.0
	1	81	16.24		0.0
	1	160	16.12		0.0
	81	0	16.24	0-1	0.0
	81	41	16.26	0	0.0
	81	81	16.19	0-1	0.0
	162	0	16.26		0.0
DFT-s-OFDM 16QAM	1	1	15.97	0-1	0.0
CP-OFDM QPSK	1	1	16.00	0-1.5	0.0

FCC ID: A3LSMF731U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 144 of 188

Table H-292
NR Band n77 DoD Antenna F Measured P_{Limit} for DSI = 0 (Body-worn or Phablet), or DSI = 4 (Earjack Active) - 50 MHz Bandwidth

NR Band n77 DoD 50 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			633334 (3500.01 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	16.19	0	0.0
	1	67	16.19		0.0
	1	131	16.15		0.0
	64	0	16.22	0-1	0.0
	64	35	16.18	0	0.0
	64	69	16.15	0-1	0.0
	128	0	16.20		0.0
DFT-s-OFDM 16QAM	1	1	16.02	0-1	0.0
CP-OFDM QPSK	1	1	16.13	0-1.5	0.0

Table H-293
NR Band n77 DoD Antenna F Measured P_{Limit} for DSI = 0 (Body-worn or Phablet), or DSI = 4 (Earjack Active) - 40 MHz Bandwidth

NR Band n77 DoD 40 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			633334 (3500.01 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	16.16	0	0.0
	1	53	15.95		0.0
	1	104	16.11		0.0
	50	0	16.01	0-1	0.0
	50	28	15.96	0	0.0
	50	56	16.07	0-1	0.0
	100	0	16.06		0.0
DFT-s-OFDM 16QAM	1	1	15.97	0-1	0.0
CP-OFDM QPSK	1	1	16.01	0-1.5	0.0

FCC ID: A3LSMF731U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 145 of 188

Table H-294
NR Band n77 DoD Antenna F Measured P_{Limit} for DSI = 0 (Body-worn or Phablet), or DSI = 4 (Earjack Active) - 30 MHz Bandwidth

NR Band n77 DoD 30 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			633334 (3500.01 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	16.12	0	0.0
	1	39	16.08		0.0
	1	76	16.13		0.0
	36	0	16.05	0-1	0.0
	36	21	16.03	0	0.0
	36	42	16.03	0-1	0.0
	75	0	16.07		0.0
DFT-s-OFDM 16QAM	1	1	15.87	0-1	0.0
CP-OFDM QPSK	1	1	15.87	0-1.5	0.0

Table H-295
NR Band n77 DoD Antenna F Measured P_{Limit} for DSI = 0 (Body-worn or Phablet), or DSI = 4 (Earjack Active) - 20 MHz Bandwidth

NR Band n77 DoD 20 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			633334 (3500.01 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	16.13	0	0.0
	1	26	16.00		0.0
	1	49	16.06		0.0
	25	0	16.00	0-1	0.0
	25	13	15.94	0	0.0
	25	26	15.97	0-1	0.0
	50	0	15.96		0.0
DFT-s-OFDM 16QAM	1	1	15.98	0-1	0.0
CP-OFDM QPSK	1	1	16.04	0-1.5	0.0

FCC ID: A3LSMF731U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 146 of 188

Table H-296
NR Band n77 DoD Antenna F Measured P_{Limit} for DSI = 0 (Body-worn or Phablet), or DSI = 4 (Earjack Active) - 15 MHz Bandwidth

NR Band n77 DoD 15 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			633334 (3500.01 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	16.08	0	0.0
	1	19	16.11		0.0
	1	36	16.12		0.0
	18	0	16.01	0-1	0.0
	18	10	16.06	0	0.0
	18	20	16.04	0-1	0.0
	36	0	16.06		0.0
DFT-s-OFDM 16QAM	1	1	15.89	0-1	0.0
CP-OFDM QPSK	1	1	15.96	0-1.5	0.0

Table H-297
NR Band n77 DoD Antenna F Measured P_{Limit} for DSI = 0 (Body-worn or Phablet), or DSI = 4 (Earjack Active) - 10 MHz Bandwidth

NR Band n77 DoD 10 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			633334 (3500.01 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	15.91	0	0.0
	1	12	15.97		0.0
	1	22	15.89		0.0
	12	0	15.96	0-1	0.0
	12	6	15.93	0	0.0
	12	12	15.95	0-1	0.0
	24	0	15.99		0.0
DFT-s-OFDM 16QAM	1	1	15.87	0-1	0.0
CP-OFDM QPSK	1	1	15.95	0-1.5	0.0

FCC ID: A3LSMF731U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 147 of 188

Table H-298
NR Band n77 DoD Antenna F Measured P_{Limit} for DSI = 2 (Head) - 90 MHz Bandwidth

NR Band n77 DoD 90 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			633334 (3500.01 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	12.12	0	0.0
	1	123	12.10		0.0
	1	243	12.14		0.0
	120	0	11.99	0-1	0.0
	120	63	12.02	0	0.0
	120	125	11.98	0-1	0.0
	243	0	11.93		0.0
DFT-s-OFDM 16QAM	1	1	12.24	0-1	0.0
CP-OFDM QPSK	1	1	12.08	0-1.5	0.0

Table H-299
NR Band n77 DoD Antenna F Measured P_{Limit} for DSI = 2 (Head) - 80 MHz Bandwidth

NR Band n77 DoD 80 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			633334 (3500.01 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	12.02	0	0.0
	1	109	12.09		0.0
	1	215	12.06		0.0
	108	0	12.02	0-1	0.0
	108	55	12.00	0	0.0
	108	109	12.05	0-1	0.0
	216	0	12.04		0.0
DFT-s-OFDM 16QAM	1	1	11.84	0-1	0.0
CP-OFDM QPSK	1	1	12.15	0-1.5	0.0

FCC ID: A3LSMF731U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 148 of 188

Table H-300
NR Band n77 DoD Antenna F Measured P_{Limit} for DSI = 2 (Head) - 70 MHz Bandwidth

NR Band n77 DoD 70 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			633334 (3500.01 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	12.12	0	0.0
	1	95	12.08		0.0
	1	187	12.05		0.0
	90	0	12.07	0-1	0.0
	90	50	12.09	0	0.0
	90	99	12.12	0-1	0.0
	180	0	12.10		0.0
DFT-s-OFDM 16QAM	1	1	11.97	0-1	0.0
CP-OFDM QPSK	1	1	12.02	0-1.5	0.0

Table H-301
NR Band n77 DoD Antenna F Measured P_{Limit} for DSI = 2 (Head) - 60 MHz Bandwidth

NR Band n77 DoD 60 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			633334 (3500.01 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	12.18	0	0.0
	1	81	12.23		0.0
	1	160	12.13		0.0
	81	0	12.26	0-1	0.0
	81	41	12.25	0	0.0
	81	81	12.18	0-1	0.0
	162	0	12.26		0.0
DFT-s-OFDM 16QAM	1	1	12.28	0-1	0.0
CP-OFDM QPSK	1	1	12.26	0-1.5	0.0

FCC ID: A3LSMF731U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 149 of 188

Table H-302
NR Band n77 DoD Antenna F Measured P_{Limit} for DSI = 2 (Head) - 50 MHz Bandwidth

NR Band n77 DoD 50 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			633334 (3500.01 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	12.28	0	0.0
	1	67	12.22		0.0
	1	131	12.16		0.0
	64	0	12.23	0-1	0.0
	64	35	12.12	0	0.0
	64	69	12.08	0-1	0.0
	128	0	12.17		0.0
DFT-s-OFDM 16QAM	1	1	12.02	0-1	0.0
CP-OFDM QPSK	1	1	12.03	0-1.5	0.0

Table H-303
NR Band n77 DoD Antenna F Measured P_{Limit} for DSI = 2 (Head) - 40 MHz Bandwidth

NR Band n77 DoD 40 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			633334 (3500.01 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	12.19	0	0.0
	1	53	11.98		0.0
	1	104	12.13		0.0
	50	0	11.97	0-1	0.0
	50	28	11.91	0	0.0
	50	56	12.06	0-1	0.0
	100	0	12.06		0.0
DFT-s-OFDM 16QAM	1	1	12.21	0-1	0.0
CP-OFDM QPSK	1	1	12.03	0-1.5	0.0

FCC ID: A3LSMF731U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 150 of 188

Table H-304
NR Band n77 DoD Antenna F Measured P_{Limit} for DSI = 2 (Head) - 30 MHz Bandwidth

NR Band n77 DoD 30 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			633334 (3500.01 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	12.10	0	0.0
	1	39	12.07		0.0
	1	76	12.13		0.0
	36	0	12.00	0-1	0.0
	36	21	11.99	0	0.0
	36	42	11.97	0-1	0.0
	75	0	12.05		0.0
DFT-s-OFDM 16QAM	1	1	12.06	0-1	0.0
CP-OFDM QPSK	1	1	12.16	0-1.5	0.0

Table H-305
NR Band n77 DoD Antenna F Measured P_{Limit} for DSI = 2 (Head) - 20 MHz Bandwidth

NR Band n77 DoD 20 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			633334 (3500.01 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	12.11	0	0.0
	1	26	11.97		0.0
	1	49	12.03		0.0
	25	0	11.98	0-1	0.0
	25	13	11.89	0	0.0
	25	26	11.95	0-1	0.0
	50	0	11.94		0.0
DFT-s-OFDM 16QAM	1	1	11.96	0-1	0.0
CP-OFDM QPSK	1	1	11.99	0-1.5	0.0

FCC ID: A3LSMF731U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 151 of 188

Table H-306
NR Band n77 DoD Antenna F Measured P_{Limit} for DSI = 2 (Head) - 15 MHz Bandwidth

NR Band n77 DoD 15 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			633334 (3500.01 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	12.07	0	0.0
	1	19	12.11		0.0
	1	36	12.11		0.0
	18	0	11.99	0-1	0.0
	18	10	12.01	0	0.0
	18	20	11.99	0-1	0.0
	36	0	12.00		0.0
DFT-s-OFDM 16QAM	1	1	12.06	0-1	0.0
CP-OFDM QPSK	1	1	11.93	0-1.5	0.0

Table H-307
NR Band n77 DoD Antenna F Measured P_{Limit} for DSI = 2 (Head) - 10 MHz Bandwidth

NR Band n77 DoD 10 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			633334 (3500.01 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	11.92	0	0.0
	1	12	11.95		0.0
	1	22	11.89		0.0
	12	0	11.93	0-1	0.0
	12	6	11.97	0	0.0
	12	12	11.95	0-1	0.0
	24	0	11.98		0.0
DFT-s-OFDM 16QAM	1	1	12.04	0-1	0.0
CP-OFDM QPSK	1	1	11.93	0-1.5	0.0

FCC ID: A3LSMF731U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 152 of 188

Table H-308
NR Band n77 DoD Antenna F Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 90 MHz Bandwidth

NR Band n77 DoD 90 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			633334 (3500.01 MHz) Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	13.59	0	0.0
	1	123	13.54		0.0
	1	243	13.60		0.0
	120	0	13.45	0-1	0.0
	120	63	13.54	0	0.0
	120	125	13.46	0-1	0.0
	243	0	13.54		0.0
DFT-s-OFDM 16QAM	1	1	13.62	0-1	0.0
CP-OFDM QPSK	1	1	13.38	0-1.5	0.0

Table H-309
NR Band n77 DoD Antenna F Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 80 MHz Bandwidth

NR Band n77 DoD 80 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			633334 (3500.01 MHz) Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	13.63	0	0.0
	1	109	13.70		0.0
	1	215	13.63		0.0
	108	0	13.56	0-1	0.0
	108	55	13.57	0	0.0
	108	109	13.59	0-1	0.0
	216	0	13.60		0.0
DFT-s-OFDM 16QAM	1	1	13.40	0-1	0.0
CP-OFDM QPSK	1	1	13.65	0-1.5	0.0

FCC ID: A3LSMF731U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 153 of 188

Table H-310
NR Band n77 DoD Antenna F Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 70 MHz Bandwidth

NR Band n77 DoD 70 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			633334 (3500.01 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	13.63	0	0.0
	1	95	13.60		0.0
	1	187	13.63		0.0
	90	0	13.57	0-1	0.0
	90	50	13.57	0	0.0
	90	99	13.57	0-1	0.0
	180	0	13.59		0.0
DFT-s-OFDM 16QAM	1	1	13.43	0-1	0.0
CP-OFDM QPSK	1	1	13.51	0-1.5	0.0

Table H-311
NR Band n77 DoD Antenna F Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 60 MHz Bandwidth

NR Band n77 DoD 60 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			633334 (3500.01 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	13.59	0	0.0
	1	81	13.66		0.0
	1	160	13.56		0.0
	81	0	13.67	0-1	0.0
	81	41	13.64	0	0.0
	81	81	13.64	0-1	0.0
	162	0	13.67		0.0
DFT-s-OFDM 16QAM	1	1	13.71	0-1	0.0
CP-OFDM QPSK	1	1	13.69	0-1.5	0.0

FCC ID: A3LSMF731U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 154 of 188

Table H-312
NR Band n77 DoD Antenna F Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 50 MHz Bandwidth

NR Band n77 DoD 50 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			633334 (3500.01 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	13.79	0	0.0
	1	67	13.74		0.0
	1	131	13.64		0.0
	64	0	13.73	0-1	0.0
	64	35	13.66	0	0.0
	64	69	13.61	0-1	0.0
	128	0	13.68		0.0
DFT-s-OFDM 16QAM	1	1	13.46	0-1	0.0
CP-OFDM QPSK	1	1	13.63	0-1.5	0.0

Table H-313
NR Band n77 DoD Antenna F Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 40 MHz Bandwidth

NR Band n77 DoD 40 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			633334 (3500.01 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	13.69	0	0.0
	1	53	13.46		0.0
	1	104	13.60		0.0
	50	0	13.51	0-1	0.0
	50	28	13.44	0	0.0
	50	56	13.50	0-1	0.0
	100	0	13.56		0.0
DFT-s-OFDM 16QAM	1	1	13.66	0-1	0.0
CP-OFDM QPSK	1	1	13.54	0-1.5	0.0

FCC ID: A3LSMF731U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 155 of 188

Table H-314
NR Band n77 DoD Antenna F Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 30 MHz Bandwidth

NR Band n77 DoD 30 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			633334 (3500.01 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	13.61	0	0.0
	1	39	13.57		0.0
	1	76	13.66		0.0
	36	0	13.52	0-1	0.0
	36	21	13.50	0	0.0
	36	42	13.47	0-1	0.0
	75	0	13.51		0.0
DFT-s-OFDM 16QAM	1	1	13.57	0-1	0.0
CP-OFDM QPSK	1	1	13.64	0-1.5	0.0

Table H-315
NR Band n77 DoD Antenna F Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 20 MHz Bandwidth

NR Band n77 DoD 20 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			633334 (3500.01 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	13.63	0	0.0
	1	26	13.49		0.0
	1	49	13.53		0.0
	25	0	13.47	0-1	0.0
	25	13	13.37	0	0.0
	25	26	13.43	0-1	0.0
	50	0	13.42		0.0
DFT-s-OFDM 16QAM	1	1	13.50	0-1	0.0
CP-OFDM QPSK	1	1	13.51	0-1.5	0.0

Table H-316
NR Band n77 DoD Antenna F Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 15 MHz Bandwidth

NR Band n77 DoD 15 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			633334 (3500.01 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	13.57	0	0.0
	1	19	13.61		0.0
	1	36	13.62		0.0
	18	0	13.51	0-1	0.0
	18	10	13.50	0	0.0
	18	20	13.47	0-1	0.0
	36	0	13.50		0.0
DFT-s-OFDM 16QAM	1	1	13.55	0-1	0.0
CP-OFDM QPSK	1	1	13.43	0-1.5	0.0

Table H-317
NR Band n77 DoD Antenna F Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 10 MHz Bandwidth

NR Band n77 DoD 10 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			633334 (3500.01 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	13.43	0	0.0
	1	12	13.45		0.0
	1	22	13.41		0.0
	12	0	13.46	0-1	0.0
	12	6	13.48	0	0.0
	12	12	13.49	0-1	0.0
	24	0	13.47		0.0
DFT-s-OFDM 16QAM	1	1	13.56	0-1	0.0
CP-OFDM QPSK	1	1	13.43	0-1.5	0.0

FCC ID: A3LSMF731U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 157 of 188

H.2.16 NR Band n77 DoD Antenna I, E, C

Table H-318

NR Band n77 DoD Antenna I, E, C Measured P_{Limit} for DSI = 0 (Body-worn or Phablet), or DSI = 4 (Earjack Active) - 90 MHz Bandwidth

NR Band n77 DoD 90 MHz Bandwidth	
Channel	
Antenna	633334 (3500.01 MHz)
	Conducted Power [dBm]
SRS #2 Ant I	14.15
SRS #3 Ant E	14.92
SRS #4 Ant C	14.39

Table H-319

NR Band n77 DoD Antenna I, E, C Measured P_{Limit} for DSI = 0 (Body-worn or Phablet), or DSI = 4 (Earjack Active) - 80 MHz Bandwidth

NR Band n77 DoD 80 MHz Bandwidth	
Channel	
Antenna	633334 (3500.01 MHz)
	Conducted Power [dBm]
SRS #2 Ant I	14.15
SRS #3 Ant E	14.95
SRS #4 Ant C	14.37

Table H-320

NR Band n77 DoD Antenna I, E, C Measured P_{Limit} for DSI = 0 (Body-worn or Phablet), or DSI = 4 (Earjack Active) - 70 MHz Bandwidth

NR Band n77 DoD 70 MHz Bandwidth	
Channel	
Antenna	633334 (3500.01 MHz)
	Conducted Power [dBm]
SRS #2 Ant I	14.18
SRS #3 Ant E	14.92
SRS #4 Ant C	14.40

Table H-321

NR Band n77 DoD Antenna I, E, C Measured P_{Limit} for DSI = 0 (Body-worn or Phablet), or DSI = 4 (Earjack Active) - 60 MHz Bandwidth

NR Band n77 DoD 60 MHz Bandwidth	
Channel	
Antenna	633334 (3500.01 MHz)
	Conducted Power [dBm]
SRS #2 Ant I	14.30
SRS #3 Ant E	15.10
SRS #4 Ant C	14.52

FCC ID: A3LSMF731U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 158 of 188

Table H-322

NR Band n77 DoD Antenna I, E, C Measured P_{Limit} for DSI = 0 (Body-worn or Phablet), or DSI = 4 (Earjack Active) - 50 MHz Bandwidth

NR Band n77 DoD 50 MHz Bandwidth	
Channel	
Antenna	633334 (3500.01 MHz)
	Conducted Power [dBm]
SRS #2 Ant I	14.26
SRS #3 Ant E	14.96
SRS #4 Ant C	14.46

Table H-323

NR Band n77 DoD Antenna I, E, C Measured P_{Limit} for DSI = 0 (Body-worn or Phablet), or DSI = 4 (Earjack Active) - 40 MHz Bandwidth

NR Band n77 DoD 40 MHz Bandwidth	
Channel	
Antenna	633334 (3500.01 MHz)
	Conducted Power [dBm]
SRS #2 Ant I	14.50
SRS #3 Ant E	15.27
SRS #4 Ant C	14.68

Table H-324

NR Band n77 DoD Antenna I, E, C Measured P_{Limit} for DSI = 0 (Body-worn or Phablet), or DSI = 4 (Earjack Active) - 30 MHz Bandwidth

NR Band n77 DoD 30 MHz Bandwidth	
Channel	
Antenna	633334 (3500.01 MHz)
	Conducted Power [dBm]
SRS #2 Ant I	14.53
SRS #3 Ant E	15.24
SRS #4 Ant C	14.72

Table H-325

NR Band n77 DoD Antenna I, E, C Measured P_{Limit} for DSI = 0 (Body-worn or Phablet), or DSI = 4 (Earjack Active) - 20 MHz Bandwidth

NR Band n77 DoD 20 MHz Bandwidth	
Channel	
Antenna	633334 (3500.01 MHz)
	Conducted Power [dBm]
SRS #2 Ant I	14.49
SRS #3 Ant E	15.19
SRS #4 Ant C	14.64

FCC ID: A3LSMF731U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 159 of 188

Table H-326

NR Band n77 DoD Antenna I, E, C Measured P_{Limit} for DSI = 0 (Body-worn or Phablet), or DSI = 4 (Earjack Active) - 15 MHz Bandwidth

NR Band n77 DoD 15 MHz Bandwidth	
Channel	
Antenna	633334 (3500.01 MHz)
	Conducted Power [dBm]
SRS #2 Ant I	14.50
SRS #3 Ant E	15.17
SRS #4 Ant C	14.63

Table H-327

NR Band n77 DoD Antenna I, E, C Measured P_{Limit} for DSI = 0 (Body-worn or Phablet), or DSI = 4 (Earjack Active) - 10 MHz Bandwidth

NR Band n77 DoD 10 MHz Bandwidth	
Channel	
Antenna	633334 (3500.01 MHz)
	Conducted Power [dBm]
SRS #2 Ant I	14.36
SRS #3 Ant E	15.08
SRS #4 Ant C	14.50

Table H-328

NR Band n77 DoD Antenna I, E, C Measured P_{Limit} for DSI = 2 (Head) - 90 MHz Bandwidth

NR Band n77 DoD 90 MHz Bandwidth	
Channel	
Antenna	633334 (3500.01 MHz)
	Conducted Power [dBm]
SRS #2 Ant I	10.08
SRS #3 Ant E	10.86
SRS #4 Ant C	10.32

Table H-329

NR Band n77 DoD Antenna I, E, C Measured P_{Limit} for DSI = 2 (Head) - 80 MHz Bandwidth

NR Band n77 DoD 80 MHz Bandwidth	
Channel	
Antenna	633334 (3500.01 MHz)
	Conducted Power [dBm]
SRS #2 Ant I	10.15
SRS #3 Ant E	10.87
SRS #4 Ant C	10.35

FCC ID: A3LSMF731U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 160 of 188

Table H-330

NR Band n77 DoD Antenna I, E, C Measured P_{Limit} for DSI = 2 (Head) - 70 MHz Bandwidth

NR Band n77 DoD 70 MHz Bandwidth	
Channel	
Antenna	633334 (3500.01 MHz)
	Conducted Power [dBm]
SRS #2 Ant I	10.09
SRS #3 Ant E	10.90
SRS #4 Ant C	10.32

Table H-331

NR Band n77 DoD Antenna I, E, C Measured P_{Limit} for DSI = 2 (Head) - 60 MHz Bandwidth

NR Band n77 DoD 60 MHz Bandwidth	
Channel	
Antenna	633334 (3500.01 MHz)
	Conducted Power [dBm]
SRS #2 Ant I	10.26
SRS #3 Ant E	11.02
SRS #4 Ant C	10.53

Table H-332

NR Band n77 DoD Antenna I, E, C Measured P_{Limit} for DSI = 2 (Head) - 50 MHz Bandwidth

NR Band n77 DoD 50 MHz Bandwidth	
Channel	
Antenna	633334 (3500.01 MHz)
	Conducted Power [dBm]
SRS #2 Ant I	10.20
SRS #3 Ant E	10.99
SRS #4 Ant C	10.39

Table H-333

NR Band n77 DoD Antenna I, E, C Measured P_{Limit} for DSI = 2 (Head) - 40 MHz Bandwidth

NR Band n77 DoD 40 MHz Bandwidth	
Channel	
Antenna	633334 (3500.01 MHz)
	Conducted Power [dBm]
SRS #2 Ant I	10.49
SRS #3 Ant E	11.18
SRS #4 Ant C	10.68

FCC ID: A3LSMF731U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 161 of 188

Table H-334

NR Band n77 DoD Antenna I, E, C Measured P_{Limit} for DSI = 2 (Head) - 30 MHz Bandwidth

NR Band n77 DoD 30 MHz Bandwidth	
Channel	
Antenna	633334 (3500.01 MHz)
	Conducted Power [dBm]
SRS #2 Ant I	10.47
SRS #3 Ant E	11.20
SRS #4 Ant C	10.63

Table H-335

NR Band n77 DoD Antenna I, E, C Measured P_{Limit} for DSI = 2 (Head) - 20 MHz Bandwidth

NR Band n77 DoD 20 MHz Bandwidth	
Channel	
Antenna	633334 (3500.01 MHz)
	Conducted Power [dBm]
SRS #2 Ant I	10.48
SRS #3 Ant E	11.18
SRS #4 Ant C	10.64

Table H-336

NR Band n77 DoD Antenna I, E, C Measured P_{Limit} for DSI = 2 (Head) - 15 MHz Bandwidth

NR Band n77 DoD 15 MHz Bandwidth	
Channel	
Antenna	633334 (3500.01 MHz)
	Conducted Power [dBm]
SRS #2 Ant I	10.44
SRS #3 Ant E	11.22
SRS #4 Ant C	10.58

Table H-337

NR Band n77 DoD Antenna I, E, C Measured P_{Limit} for DSI = 2 (Head) - 10 MHz Bandwidth

NR Band n77 DoD 10 MHz Bandwidth	
Channel	
Antenna	633334 (3500.01 MHz)
	Conducted Power [dBm]
SRS #2 Ant I	10.36
SRS #3 Ant E	11.05
SRS #4 Ant C	10.50

FCC ID: A3LSMF731U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 162 of 188

Table H-338

NR Band n77 DoD Antenna I, E, C Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 90 MHz Bandwidth

NR Band n77 DoD 90 MHz Bandwidth	
Channel	
Antenna	633334 (3500.01 MHz)
	Conducted Power [dBm]
SRS #2 Ant I	11.64
SRS #3 Ant E	12.39
SRS #4 Ant C	11.85

Table H-339

NR Band n77 DoD Antenna I, E, C Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 80 MHz Bandwidth

NR Band n77 DoD 80 MHz Bandwidth	
Channel	
Antenna	633334 (3500.01 MHz)
	Conducted Power [dBm]
SRS #2 Ant I	11.66
SRS #3 Ant E	12.43
SRS #4 Ant C	11.89

Table H-340

NR Band n77 DoD Antenna I, E, C Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 70 MHz Bandwidth

NR Band n77 DoD 70 MHz Bandwidth	
Channel	
Antenna	633334 (3500.01 MHz)
	Conducted Power [dBm]
SRS #2 Ant I	11.66
SRS #3 Ant E	12.43
SRS #4 Ant C	11.85

Table H-341

NR Band n77 DoD Antenna I, E, C Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 60 MHz Bandwidth

NR Band n77 DoD 60 MHz Bandwidth	
Channel	
Antenna	633334 (3500.01 MHz)
	Conducted Power [dBm]
SRS #2 Ant I	11.80
SRS #3 Ant E	12.51
SRS #4 Ant C	11.99

FCC ID: A3LSMF731U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 163 of 188

Table H-342

NR Band n77 DoD Antenna I, E, C Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 50 MHz Bandwidth

NR Band n77 DoD 50 MHz Bandwidth	
Channel	
Antenna	633334 (3500.01 MHz)
	Conducted Power [dBm]
SRS #2 Ant I	11.73
SRS #3 Ant E	12.44
SRS #4 Ant C	11.90

Table H-343

NR Band n77 DoD Antenna I, E, C Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 40 MHz Bandwidth

NR Band n77 DoD 40 MHz Bandwidth	
Channel	
Antenna	633334 (3500.01 MHz)
	Conducted Power [dBm]
SRS #2 Ant I	11.99
SRS #3 Ant E	12.72
SRS #4 Ant C	12.22

Table H-344

NR Band n77 DoD Antenna I, E, C Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 30 MHz Bandwidth

NR Band n77 DoD 30 MHz Bandwidth	
Channel	
Antenna	633334 (3500.01 MHz)
	Conducted Power [dBm]
SRS #2 Ant I	11.98
SRS #3 Ant E	12.71
SRS #4 Ant C	12.18

Table H-345

NR Band n77 DoD Antenna I, E, C Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 20 MHz Bandwidth

NR Band n77 DoD 20 MHz Bandwidth	
Channel	
Antenna	633334 (3500.01 MHz)
	Conducted Power [dBm]
SRS #2 Ant I	11.96
SRS #3 Ant E	12.70
SRS #4 Ant C	12.14

FCC ID: A3LSMF731U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 164 of 188

Table H-346

NR Band n77 DoD Antenna I, E, C Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 15 MHz Bandwidth

NR Band n77 DoD 15 MHz Bandwidth	
Channel	
Antenna	633334 (3500.01 MHz)
	Conducted Power [dBm]
SRS #2 Ant I	11.97
SRS #3 Ant E	12.71
SRS #4 Ant C	12.14

Table H-347

NR Band n77 DoD Antenna I, E, C Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 10 MHz Bandwidth

NR Band n77 DoD 10 MHz Bandwidth	
Channel	
Antenna	633334 (3500.01 MHz)
	Conducted Power [dBm]
SRS #2 Ant I	11.83
SRS #3 Ant E	12.58
SRS #4 Ant C	11.99

H.2.17 NR Band n77 C-Band Antenna F

Table H-348

NR Band n77 C-Band Antenna F Measured P_{Limit} for DSI = 0 (Body-worn or Phablet), or DSI = 4 (Earjack Active) - 90 MHz Bandwidth

NR Band n77 90 MHz Bandwidth						
			Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	650000 (3750 MHz)	662000 (3930 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM QPSK	1	1	15.95	15.94	0	0.0
	1	123	16.41	16.28		0.0
	1	243	16.91	16.34		0.0
	120	0	16.08	16.22	0-1	0.0
	120	63	16.43	16.31	0	0.0
	120	125	16.55	16.35	0-1	0.0
	243	0	16.40	16.30		0.0
DFT-s-OFDM 16QAM	1	1	16.09	15.92	0-1	0.0
CP-OFDM QPSK	1	1	15.99	16.24	0-1.5	0.0

Table H-349

NR Band n77 C-Band Antenna F Measured P_{Limit} for DSI = 0 (Body-worn or Phablet), or DSI = 4 (Earjack Active) - 80 MHz Bandwidth

NR Band n77 80 MHz Bandwidth						
			Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	650000 (3750 MHz)	662000 (3930 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM QPSK	1	1	16.12	16.12	0	0.0
	1	109	16.56	16.34		0.0
	1	215	16.92	16.38		0.0
	108	0	16.35	16.20	0-1	0.0
	108	55	16.58	16.36	0	0.0
	108	109	16.68	16.39	0-1	0.0
	216	0	16.58	16.32		0.0
DFT-s-OFDM 16QAM	1	1	16.53	16.33	0-1	0.0
CP-OFDM QPSK	1	1	16.12	16.31	0-1.5	0.0

FCC ID: A3LSMF731U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 166 of 188

Table H-350
NR Band n77 C-Band Antenna F Measured P_{Limit} for DSI = 0 (Body-worn or Phablet), or DSI = 4 (Earjack Active) - 70 MHz Bandwidth

NR Band n77 70 MHz Bandwidth						
			Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	650000 (3750 MHz)	662000 (3930 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM QPSK	1	1	16.34	16.11	0	0.0
	1	95	16.67	16.39		0.0
	1	187	16.95	16.36		0.0
	90	0	16.47	16.21	0-1	0.0
	90	50	16.45	16.36	0	0.0
	90	99	16.77	16.42	0-1	0.0
	180	0	16.67	16.34		0.0
DFT-s-OFDM 16QAM	1	1	16.16	16.06	0-1	0.0
CP-OFDM QPSK	1	1	16.33	16.33	0-1.5	0.0

Table H-351
NR Band n77 C-Band Antenna F Measured P_{Limit} for DSI = 0 (Body-worn or Phablet), or DSI = 4 (Earjack Active) - 60 MHz Bandwidth

NR Band n77 60 MHz Bandwidth						
			Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	650000 (3750 MHz)	662000 (3930 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM QPSK	1	1	16.37	16.33	0	0.0
	1	81	16.56	16.44		0.0
	1	160	16.82	16.48		0.0
	81	0	16.46	16.45	0-1	0.0
	81	41	16.55	16.50	0	0.0
	81	81	16.68	16.54	0-1	0.0
	162	0	16.64	16.48		0.0
DFT-s-OFDM 16QAM	1	1	16.55	16.23	0-1	0.0
CP-OFDM QPSK	1	1	16.63	16.41	0-1.5	0.0

FCC ID: A3LSMF731U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 167 of 188

Table H-352

NR Band n77 C-Band Antenna F Measured P_{Limit} for DSI = 0 (Body-worn or Phablet), or DSI = 4 (Earjack Active) - 50 MHz Bandwidth

NR Band n77 50 MHz Bandwidth						
			Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	650000 (3750 MHz)	662000 (3930 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM QPSK	1	1	16.52	16.33	0	0.0
	1	67	16.81	16.48		0.0
	1	131	16.99	16.47		0.0
	64	0	16.70	16.52	0-1	0.0
	64	35	16.77	16.55	0	0.0
	64	69	16.94	16.47	0-1	0.0
	128	0	16.90	16.53		0.0
DFT-s-OFDM 16QAM	1	1	16.58	16.33	0-1	0.0
CP-OFDM QPSK	1	1	16.51	16.51	0-1.5	0.0

Table H-353

NR Band n77 C-Band Antenna F Measured P_{Limit} for DSI = 0 (Body-worn or Phablet), or DSI = 4 (Earjack Active) - 40 MHz Bandwidth

NR Band n77 40 MHz Bandwidth						
			Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	650000 (3750 MHz)	662000 (3930 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM QPSK	1	1	16.66	16.30	0	0.0
	1	53	16.76	16.62		0.0
	1	104	17.02	16.26		0.0
	50	0	16.62	15.85	0-1	0.0
	50	28	16.70	16.39	0	0.0
	50	56	16.87	16.64	0-1	0.0
	100	0	16.76	15.71		0.0
DFT-s-OFDM 16QAM	1	1	16.59	15.72	0-1	0.0
CP-OFDM OPSK	1	1	16.69	15.73	0-1.5	0.0

FCC ID: A3LSMF731U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 168 of 188

Table H-354
NR Band n77 C-Band Antenna F Measured P_{Limit} for DSI = 0 (Body-worn or Phablet), or DSI = 4 (Earjack Active) - 30 MHz Bandwidth

NR Band n77 30 MHz Bandwidth						
			Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	650000 (3750 MHz)	662000 (3930 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM QPSK	1	1	16.65	16.35	0	0.0
	1	39	16.74	16.35		0.0
	1	76	16.91	16.38		0.0
	36	0	16.60	16.47	0-1	0.0
	36	21	16.66	16.43	0	0.0
	36	42	16.79	16.48	0-1	0.0
	75	0	16.69	16.57		0.0
DFT-s-OFDM 16QAM	1	1	16.45	16.32	0-1	0.0
CP-OFDM QPSK	1	1	16.69	16.55	0-1.5	0.0

Table H-355
NR Band n77 C-Band Antenna F Measured P_{Limit} for DSI = 0 (Body-worn or Phablet), or DSI = 4 (Earjack Active) - 20 MHz Bandwidth

NR Band n77 20 MHz Bandwidth						
			Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	650000 (3750 MHz)	662000 (3930 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM QPSK	1	1	16.50	16.30	0	0.0
	1	26	16.61	16.27		0.0
	1	49	16.72	16.38		0.0
	25	0	16.56	16.42	0-1	0.0
	25	13	16.61	16.33	0	0.0
	25	26	16.71	16.43	0-1	0.0
	50	0	16.65	16.39		0.0
DFT-s-OFDM 16QAM	1	1	16.59	16.24	0-1	0.0
CP-OFDM QPSK	1	1	16.64	16.37	0-1.5	0.0

FCC ID: A3LSMF731U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 169 of 188

Table H-356

NR Band n77 C-Band Antenna F Measured P_{Limit} for DSI = 0 (Body-worn or Phablet), or DSI = 4 (Earjack Active) - 15 MHz Bandwidth

NR Band n77 15 MHz Bandwidth						
			Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	650000 (3750 MHz)	662000 (3930 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM QPSK	1	1	16.52	16.38	0	0.0
	1	19	16.88	16.29		0.0
	1	36	16.94	16.45		0.0
	18	0	16.83	16.40	0-1	0.0
	18	10	17.10	16.31	0	0.0
	18	20	17.27	16.39	0-1	0.0
	36	0	17.15	16.44		0.0
DFT-s-OFDM 16QAM	1	1	16.58	16.36	0-1	0.0
CP-OFDM QPSK	1	1	16.66	16.39	0-1.5	0.0

Table H-357

NR Band n77 C-Band Antenna F Measured P_{Limit} for DSI = 0 (Body-worn or Phablet), or DSI = 4 (Earjack Active) - 10 MHz Bandwidth

NR Band n77 10 MHz Bandwidth						
			Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	650000 (3750 MHz)	662000 (3930 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM QPSK	1	1	16.40	16.29	0	0.0
	1	12	16.54	16.40		0.0
	1	22	16.75	16.30		0.0
	12	0	16.48	16.27	0-1	0.0
	12	6	16.54	16.37	0	0.0
	12	12	16.58	16.27	0-1	0.0
	24	0	16.51	16.35		0.0
DFT-s-OFDM 16QAM	1	1	16.59	16.24	0-1	0.0
CP-OFDM OPSK	1	1	16.30	16.28	0-1.5	0.0

FCC ID: A3LSMF731U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 170 of 188

Table H-358
NR Band n77 C-Band Antenna F Measured P_{Limit} for DSI = 2 (Head) - 90 MHz Bandwidth
NR Band n77
90 MHz Bandwidth

			Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	650000 (3750 MHz)	662000 (3930 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM QPSK	1	1	12.20	11.90	0	0.0
	1	123	12.56	12.17		0.0
	1	243	13.15	12.14		0.0
	120	0	12.28	12.08	0-1	0.0
	120	63	12.49	12.21	0	0.0
	120	125	12.82	12.22	0-1	0.0
	243	0	12.44	12.13		0.0
DFT-s-OFDM 16QAM	1	1	12.21	11.90	0-1	0.0
CP-OFDM QPSK	1	1	12.16	12.28	0-1.5	0.0

Table H-359
NR Band n77 C-Band Antenna F Measured P_{Limit} for DSI = 2 (Head) - 80 MHz Bandwidth
NR Band n77
80 MHz Bandwidth

			Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	650000 (3750 MHz)	662000 (3930 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM QPSK	1	1	12.28	11.97	0	0.0
	1	109	12.72	12.20		0.0
	1	215	13.12	12.19		0.0
	108	0	12.53	12.13	0-1	0.0
	108	55	12.69	12.26	0	0.0
	108	109	12.87	12.26	0-1	0.0
	216	0	12.63	12.18		0.0
DFT-s-OFDM 16QAM	1	1	12.64	12.19	0-1	0.0
CP-OFDM OPSK	1	1	12.27	12.13	0-1.5	0.0

Table H-360
NR Band n77 C-Band Antenna F Measured P_{Limit} for DSI = 2 (Head) - 70 MHz Bandwidth
NR Band n77
70 MHz Bandwidth

			Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	650000 (3750 MHz)	662000 (3930 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM QPSK	1	1	12.36	12.20	0	0.0
	1	95	12.74	12.39		0.0
	1	187	13.10	12.29		0.0
	90	0	12.57	12.21	0-1	0.0
	90	50	12.68	12.28	0	0.0
	90	99	12.91	12.27	0-1	0.0
	180	0	12.64	12.25		0.0
DFT-s-OFDM 16QAM	1	1	12.14	11.99	0-1	0.0
CP-OFDM QPSK	1	1	12.31	12.28	0-1.5	0.0

Table H-361
NR Band n77 C-Band Antenna F Measured P_{Limit} for DSI = 2 (Head) - 60 MHz Bandwidth
NR Band n77
60 MHz Bandwidth

			Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	650000 (3750 MHz)	662000 (3930 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM QPSK	1	1	12.47	12.12	0	0.0
	1	81	12.61	12.35		0.0
	1	160	12.96	12.38		0.0
	81	0	12.57	12.24	0-1	0.0
	81	41	12.75	12.28	0	0.0
	81	81	12.78	12.33	0-1	0.0
	162	0	12.73	12.25		0.0
DFT-s-OFDM 16QAM	1	1	12.63	12.09	0-1	0.0
CP-OFDM QPSK	1	1	12.73	12.16	0-1.5	0.0

FCC ID: A3LSMF731U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 172 of 188

Table H-362

NR Band n77 C-Band Antenna F Measured P_{Limit} for DSI = 2 (Head) - 50 MHz Bandwidth

NR Band n77 50 MHz Bandwidth						
			Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	650000 (3750 MHz)	662000 (3930 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM QPSK	1	1	12.63	12.30	0	0.0
	1	67	12.81	12.47		0.0
	1	131	13.04	12.41		0.0
	64	0	12.77	12.36	0-1	0.0
	64	35	12.93	12.44	0	0.0
	64	69	12.97	12.38	0-1	0.0
	128	0	12.93	12.37		0.0
DFT-s-OFDM 16QAM	1	1	12.71	12.23	0-1	0.0
CP-OFDM QPSK	1	1	12.68	12.27	0-1.5	0.0

Table H-363

NR Band n77 C-Band Antenna F Measured P_{Limit} for DSI = 2 (Head) - 40 MHz Bandwidth

NR Band n77 40 MHz Bandwidth						
			Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	650000 (3750 MHz)	662000 (3930 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM QPSK	1	1	12.70	12.28	0	0.0
	1	53	12.70	12.51		0.0
	1	104	12.99	12.50		0.0
	50	0	12.67	12.47	0-1	0.0
	50	28	12.66	12.39	0	0.0
	50	56	12.82	12.40	0-1	0.0
	100	0	12.68	12.40		0.0
DFT-s-OFDM 16QAM	1	1	12.66	12.38	0-1	0.0
CP-OFDM QPSK	1	1	12.65	12.34	0-1.5	0.0

FCC ID: A3LSMF731U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 173 of 188

Table H-364
NR Band n77 C-Band Antenna F Measured P_{Limit} for DSI = 2 (Head) - 30 MHz Bandwidth
NR Band n77
30 MHz Bandwidth

			Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	650000 (3750 MHz)	662000 (3930 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM QPSK	1	1	12.66	12.36	0	0.0
	1	39	12.74	12.33		0.0
	1	76	12.95	12.34		0.0
	36	0	12.71	12.46	0-1	0.0
	36	21	12.75	12.36	0	0.0
	36	42	12.89	12.38	0-1	0.0
	75	0	12.76	12.37		0.0
DFT-s-OFDM 16QAM	1	1	12.57	12.29	0-1	0.0
CP-OFDM QPSK	1	1	12.74	12.40	0-1.5	0.0

Table H-365
NR Band n77 C-Band Antenna F Measured P_{Limit} for DSI = 2 (Head) - 20 MHz Bandwidth
NR Band n77
20 MHz Bandwidth

			Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	650000 (3750 MHz)	662000 (3930 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM QPSK	1	1	12.66	12.23	0	0.0
	1	26	12.64	12.18		0.0
	1	49	12.79	12.27		0.0
	25	0	12.63	12.36	0-1	0.0
	25	13	12.63	12.25	0	0.0
	25	26	12.73	12.32	0-1	0.0
	50	0	12.68	12.26		0.0
DFT-s-OFDM 16QAM	1	1	12.67	12.15	0-1	0.0
CP-OFDM QPSK	1	1	12.74	12.25	0-1.5	0.0

FCC ID: A3LSMF731U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 174 of 188

Table H-366

NR Band n77 C-Band Antenna F Measured P_{Limit} for DSI = 2 (Head) - 15 MHz Bandwidth

NR Band n77 15 MHz Bandwidth						
			Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	650000 (3750 MHz)	662000 (3930 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM QPSK	1	1	12.69	12.35	0	0.0
	1	19	12.62	12.23		0.0
	1	36	12.83	12.37		0.0
	18	0	12.63	12.27	0-1	0.0
	18	10	12.62	12.25	0	0.0
	18	20	12.72	12.27	0-1	0.0
	36	0	12.65	12.26		0.0
DFT-s-OFDM 16QAM	1	1	12.63	12.25	0-1	0.0
CP-OFDM QPSK	1	1	12.75	12.30	0-1.5	0.0

Table H-367

NR Band n77 C-Band Antenna F Measured P_{Limit} for DSI = 2 (Head) - 10 MHz Bandwidth

NR Band n77 10 MHz Bandwidth						
			Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	650000 (3750 MHz)	662000 (3930 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM QPSK	1	1	12.65	12.26	0	0.0
	1	12	12.65	12.24		0.0
	1	22	12.80	12.24		0.0
	12	0	12.66	12.22	0-1	0.0
	12	6	12.64	12.18	0	0.0
	12	12	12.75	12.16	0-1	0.0
	24	0	12.60	12.20		0.0
DFT-s-OFDM 16QAM	1	1	12.43	12.11	0-1	0.0
CP-OFDM QPSK	1	1	12.49	12.18	0-1.5	0.0

FCC ID: A3LSMF731U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 175 of 188

Table H-368
NR Band n77 C-Band Antenna F Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 90 MHz Bandwidth

NR Band n77 90 MHz Bandwidth						
			Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	650000 (3750 MHz)	662000 (3930 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM QPSK	1	1	13.48	13.48	0	0.0
	1	123	13.93	13.74		0.0
	1	243	14.44	13.70		0.0
	120	0	13.60	13.58	0-1	0.0
	120	63	13.97	13.71	0	0.0
	120	125	14.10	13.74	0-1	0.0
	243	0	13.91	13.65		0.0
DFT-s-OFDM 16QAM	1	1	13.68	13.39	0-1	0.0
CP-OFDM QPSK	1	1	13.47	13.73	0-1.5	0.0

Table H-369
NR Band n77 C-Band Antenna F Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 80 MHz Bandwidth

NR Band n77 80 MHz Bandwidth						
			Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	650000 (3750 MHz)	662000 (3930 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM QPSK	1	1	13.74	13.57	0	0.0
	1	109	14.08	13.80		0.0
	1	215	14.42	13.79		0.0
	108	0	13.85	13.66	0-1	0.0
	108	55	14.09	13.78	0	0.0
	108	109	14.24	13.79	0-1	0.0
	216	0	14.09	13.69		0.0
DFT-s-OFDM 16QAM	1	1	14.01	13.65	0-1	0.0
CP-OFDM OPSK	1	1	13.62	13.69	0-1.5	0.0

FCC ID: A3LSMF731U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 176 of 188

Table H-370
NR Band n77 C-Band Antenna F Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 70 MHz Bandwidth

NR Band n77 70 MHz Bandwidth						
			Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	650000 (3750 MHz)	662000 (3930 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM QPSK	1	1	13.82	13.82	0	0.0
	1	95	14.10	13.99		0.0
	1	187	14.43	13.86		0.0
	90	0	13.90	13.74	0-1	0.0
	90	50	14.14	13.82	0	0.0
	90	99	14.25	13.78	0-1	0.0
	180	0	14.11	13.74		0.0
DFT-s-OFDM 16QAM	1	1	13.60	13.54	0-1	0.0
CP-OFDM QPSK	1	1	13.82	13.78	0-1.5	0.0

Table H-371
NR Band n77 C-Band Antenna F Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 60 MHz Bandwidth

NR Band n77 60 MHz Bandwidth						
			Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	650000 (3750 MHz)	662000 (3930 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM QPSK	1	1	13.93	13.84	0	0.0
	1	81	14.06	14.01		0.0
	1	160	14.37	13.91		0.0
	81	0	14.00	13.90	0-1	0.0
	81	41	14.06	13.91	0	0.0
	81	81	14.23	13.88	0-1	0.0
	162	0	14.21	13.93		0.0
DFT-s-OFDM 16QAM	1	1	14.13	13.71	0-1	0.0
CP-OFDM OPSK	1	1	14.18	13.72	0-1.5	0.0

Table H-372
NR Band n77 C-Band Antenna F Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 50 MHz Bandwidth

NR Band n77 50 MHz Bandwidth						
			Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	650000 (3750 MHz)	662000 (3930 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM QPSK	1	1	14.06	13.79	0	0.0
	1	67	14.33	13.96		0.0
	1	131	14.51	13.94		0.0
	64	0	14.23	13.84	0-1	0.0
	64	35	14.28	13.98	0	0.0
	64	69	14.43	13.86	0-1	0.0
	128	0	14.40	13.89		0.0
DFT-s-OFDM 16QAM	1	1	14.08	13.70	0-1	0.0
CP-OFDM QPSK	1	1	14.03	13.83	0-1.5	0.0

Table H-373
NR Band n77 C-Band Antenna F Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 40 MHz Bandwidth

NR Band n77 40 MHz Bandwidth						
			Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	650000 (3750 MHz)	662000 (3930 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM QPSK	1	1	14.11	13.84	0	0.0
	1	53	14.23	13.92		0.0
	1	104	14.55	13.97		0.0
	50	0	14.10	13.95	0-1	0.0
	50	28	14.22	13.91	0	0.0
	50	56	14.39	13.94	0-1	0.0
	100	0	14.20	13.91		0.0
DFT-s-OFDM 16QAM	1	1	14.05	13.64	0-1	0.0
CP-OFDM QPSK	1	1	14.14	13.85	0-1.5	0.0

Table H-374
NR Band n77 C-Band Antenna F Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 30 MHz Bandwidth

NR Band n77 30 MHz Bandwidth						
			Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	650000 (3750 MHz)	662000 (3930 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM QPSK	1	1	14.15	13.87	0	0.0
	1	39	14.21	13.84		0.0
	1	76	14.45	13.86		0.0
	36	0	14.08	13.97	0-1	0.0
	36	21	14.21	13.86	0	0.0
	36	42	14.29	13.95	0-1	0.0
	75	0	14.17	13.90		0.0
DFT-s-OFDM 16QAM	1	1	13.92	13.81	0-1	0.0
CP-OFDM QPSK	1	1	14.19	13.90	0-1.5	0.0

Table H-375
NR Band n77 C-Band Antenna F Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 20 MHz Bandwidth

NR Band n77 20 MHz Bandwidth						
			Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	650000 (3750 MHz)	662000 (3930 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM QPSK	1	1	14.08	13.77	0	0.0
	1	26	14.15	13.74		0.0
	1	49	14.28	13.80		0.0
	25	0	14.10	13.88	0-1	0.0
	25	13	14.15	13.79	0	0.0
	25	26	14.24	13.87	0-1	0.0
	50	0	14.17	13.82		0.0
DFT-s-OFDM 16QAM	1	1	14.11	13.72	0-1	0.0
CP-OFDM QPSK	1	1	14.04	13.73	0-1.5	0.0

FCC ID: A3LSMF731U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 179 of 188

Table H-376
NR Band n77 C-Band Antenna F Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 15 MHz Bandwidth

NR Band n77 15 MHz Bandwidth						
			Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	650000 (3750 MHz)	662000 (3930 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM QPSK	1	1	14.17	13.86	0	0.0
	1	19	14.43	13.82		0.0
	1	36	14.50	13.94		0.0
	18	0	14.41	13.80	0-1	0.0
	18	10	14.43	13.82	0	0.0
	18	20	14.72	13.85	0-1	0.0
	36	0	14.66	13.81		0.0
DFT-s-OFDM 16QAM	1	1	13.81	13.78	0-1	0.0
CP-OFDM QPSK	1	1	14.11	13.86	0-1.5	0.0

Table H-377
NR Band n77 C-Band Antenna F Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 10 MHz Bandwidth

NR Band n77 10 MHz Bandwidth						
			Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	650000 (3750 MHz)	662000 (3930 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM QPSK	1	1	14.00	13.80	0	0.0
	1	12	14.10	13.79		0.0
	1	22	14.26	13.73		0.0
	12	0	14.06	13.82	0-1	0.0
	12	6	14.09	13.74	0	0.0
	12	12	14.07	13.70	0-1	0.0
	24	0	14.08	13.74		0.0
DFT-s-OFDM 16QAM	1	1	13.80	13.86	0-1	0.0
CP-OFDM QPSK	1	1	13.86	13.64	0-1.5	0.0

FCC ID: A3LSMF731U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 180 of 188

H.2.18 NR Band n77 C-Band Antenna I, E, C

Table H-378

NR Band n77 C-Band Antenna I, E, C Measured P_{Limit} for DSI = 0 (Body-worn or Phablet), or DSI = 4 (Earjack Active) - 90 MHz Bandwidth

NR Band n77 90 MHz Bandwidth		
Channel		
Antenna	650000 (3750 MHz)	662000 (3930 MHz)
	Conducted Power [dBm]	
SRS #2 Ant I	14.19	15.05
SRS #3 Ant E	14.80	14.26
SRS #4 Ant C	13.74	14.82

Table H-379

NR Band n77 C-Band Antenna I, E, C Measured P_{Limit} for DSI = 0 (Body-worn or Phablet), or DSI = 4 (Earjack Active) - 80 MHz Bandwidth

NR Band n77 80 MHz Bandwidth		
Channel		
Antenna	650000 (3750 MHz)	662000 (3930 MHz)
	Conducted Power [dBm]	
SRS #2 Ant I	14.19	15.24
SRS #3 Ant E	14.75	14.34
SRS #4 Ant C	13.76	14.79

Table H-380

NR Band n77 C-Band Antenna I, E, C Measured P_{Limit} for DSI = 0 (Body-worn or Phablet), or DSI = 4 (Earjack Active) - 70 MHz Bandwidth

NR Band n77 70 MHz Bandwidth		
Channel		
Antenna	650000 (3750 MHz)	662000 (3930 MHz)
	Conducted Power [dBm]	
SRS #2 Ant I	14.22	15.19
SRS #3 Ant E	14.75	14.31
SRS #4 Ant C	13.72	14.83

Table H-381

NR Band n77 C-Band Antenna I, E, C Measured P_{Limit} for DSI = 0 (Body-worn or Phablet), or DSI = 4 (Earjack Active) - 60 MHz Bandwidth

NR Band n77 60 MHz Bandwidth		
Channel		
Antenna	650000 (3750 MHz)	662000 (3930 MHz)
	Conducted Power [dBm]	
SRS #2 Ant I	14.25	15.28
SRS #3 Ant E	14.84	14.46
SRS #4 Ant C	13.85	14.88

FCC ID: A3LSMF731U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 181 of 188

Table H-382

NR Band n77 C-Band Antenna I, E, C Measured P_{Limit} for DSI = 0 (Body-worn or Phablet), or DSI = 4 (Earjack Active) - 50 MHz Bandwidth

NR Band n77 50 MHz Bandwidth		
Channel		
Antenna	650000 (3750 MHz)	662000 (3930 MHz)
	Conducted Power [dBm]	
SRS #2 Ant I	14.27	15.14
SRS #3 Ant E	14.91	14.40
SRS #4 Ant C	13.84	14.80

Table H-383

NR Band n77 C-Band Antenna I, E, C Measured P_{Limit} for DSI = 0 (Body-worn or Phablet), or DSI = 4 (Earjack Active) - 40 MHz Bandwidth

NR Band n77 40 MHz Bandwidth		
Channel		
Antenna	650000 (3750 MHz)	662000 (3930 MHz)
	Conducted Power [dBm]	
SRS #2 Ant I	14.45	15.39
SRS #3 Ant E	15.07	14.64
SRS #4 Ant C	14.05	15.00

Table H-384

NR Band n77 C-Band Antenna I, E, C Measured P_{Limit} for DSI = 0 (Body-worn or Phablet), or DSI = 4 (Earjack Active) - 30 MHz Bandwidth

NR Band n77 30 MHz Bandwidth		
Channel		
Antenna	650000 (3750 MHz)	662000 (3930 MHz)
	Conducted Power [dBm]	
SRS #2 Ant I	14.43	15.33
SRS #3 Ant E	15.12	14.66
SRS #4 Ant C	14.00	15.00

Table H-385

NR Band n77 C-Band Antenna I, E, C Measured P_{Limit} for DSI = 0 (Body-worn or Phablet), or DSI = 4 (Earjack Active) - 20 MHz Bandwidth

NR Band n77 20 MHz Bandwidth		
Channel		
Antenna	650000 (3750 MHz)	662000 (3930 MHz)
	Conducted Power [dBm]	
SRS #2 Ant I	14.38	15.36
SRS #3 Ant E	15.06	14.68
SRS #4 Ant C	13.99	15.00

FCC ID: A3LSMF731U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 182 of 188

Table H-386

NR Band n77 C-Band Antenna I, E, C Measured P_{Limit} for DSI = 0 (Body-worn or Phablet), or DSI = 4 (Earjack Active) - 15 MHz Bandwidth

NR Band n77 15 MHz Bandwidth		
Channel		
Antenna	650000 (3750 MHz)	662000 (3930 MHz)
	Conducted Power [dBm]	
SRS #2 Ant I	14.38	15.37
SRS #3 Ant E	15.11	14.67
SRS #4 Ant C	13.96	15.00

Table H-387

NR Band n77 C-Band Antenna I, E, C Measured P_{Limit} for DSI = 0 (Body-worn or Phablet), or DSI = 4 (Earjack Active) - 10 MHz Bandwidth

NR Band n77 10 MHz Bandwidth		
Channel		
Antenna	650000 (3750 MHz)	662000 (3930 MHz)
	Conducted Power [dBm]	
SRS #2 Ant I	14.24	15.23
SRS #3 Ant E	14.93	14.59
SRS #4 Ant C	13.88	14.96

Table H-388

NR Band n77 C-Band Antenna I, E, C Measured P_{Limit} for DSI = 2 (Head) - 90 MHz Bandwidth

NR Band n77 90 MHz Bandwidth		
Channel		
Antenna	650000 (3750 MHz)	662000 (3930 MHz)
	Conducted Power [dBm]	
SRS #2 Ant I	10.23	10.90
SRS #3 Ant E	10.75	10.23
SRS #4 Ant C	9.82	10.49

Table H-389

NR Band n77 C-Band Antenna I, E, C Measured P_{Limit} for DSI = 2 (Head) - 80 MHz Bandwidth

NR Band n77 80 MHz Bandwidth		
Channel		
Antenna	650000 (3750 MHz)	662000 (3930 MHz)
	Conducted Power [dBm]	
SRS #2 Ant I	10.24	10.88
SRS #3 Ant E	10.78	10.25
SRS #4 Ant C	9.78	10.55

FCC ID: A3LSMF731U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 183 of 188

Table H-390

NR Band n77 C-Band Antenna I, E, C Measured P_{Limit} for DSI = 2 (Head) - 70 MHz Bandwidth

NR Band n77 70 MHz Bandwidth		
Channel		
Antenna	650000 (3750 MHz)	662000 (3930 MHz)
	Conducted Power [dBm]	
SRS #2 Ant I	10.20	10.92
SRS #3 Ant E	10.75	10.26
SRS #4 Ant C	9.79	10.51

Table H-391

NR Band n77 C-Band Antenna I, E, C Measured P_{Limit} for DSI = 2 (Head) - 60 MHz Bandwidth

NR Band n77 60 MHz Bandwidth		
Channel		
Antenna	650000 (3750 MHz)	662000 (3930 MHz)
	Conducted Power [dBm]	
SRS #2 Ant I	10.31	10.90
SRS #3 Ant E	10.89	10.39
SRS #4 Ant C	9.85	10.69

Table H-392

NR Band n77 C-Band Antenna I, E, C Measured P_{Limit} for DSI = 2 (Head) - 50 MHz Bandwidth

NR Band n77 50 MHz Bandwidth		
Channel		
Antenna	650000 (3750 MHz)	662000 (3930 MHz)
	Conducted Power [dBm]	
SRS #2 Ant I	10.28	10.85
SRS #3 Ant E	10.88	10.35
SRS #4 Ant C	9.90	10.58

Table H-393

NR Band n77 C-Band Antenna I, E, C Measured P_{Limit} for DSI = 2 (Head) - 40 MHz Bandwidth

NR Band n77 40 MHz Bandwidth		
Channel		
Antenna	650000 (3750 MHz)	662000 (3930 MHz)
	Conducted Power [dBm]	
SRS #2 Ant I	10.46	10.89
SRS #3 Ant E	11.09	10.50
SRS #4 Ant C	10.06	10.80

FCC ID: A3LSMF731U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 184 of 188

Table H-394
NR Band n77 C-Band Antenna I, E, C Measured P_{Limit} for DSI = 2 (Head) - 30 MHz Bandwidth

NR Band n77 30 MHz Bandwidth		
Channel		
Antenna	650000 (3750 MHz)	662000 (3930 MHz)
	Conducted Power [dBm]	
SRS #2 Ant I	10.45	11.00
SRS #3 Ant E	11.10	10.52
SRS #4 Ant C	10.06	10.75

Table H-395
NR Band n77 C-Band Antenna I, E, C Measured P_{Limit} for DSI = 2 (Head) - 20 MHz Bandwidth

NR Band n77 20 MHz Bandwidth		
Channel		
Antenna	650000 (3750 MHz)	662000 (3930 MHz)
	Conducted Power [dBm]	
SRS #2 Ant I	10.47	10.98
SRS #3 Ant E	11.10	10.52
SRS #4 Ant C	10.04	10.86

Table H-396
NR Band n77 C-Band Antenna I, E, C Measured P_{Limit} for DSI = 2 (Head) – 15 MHz Bandwidth

NR Band n77 15 MHz Bandwidth		
Channel		
Antenna	650000 (3750 MHz)	662000 (3930 MHz)
	Conducted Power [dBm]	
SRS #2 Ant I	10.43	11.00
SRS #3 Ant E	11.05	10.51
SRS #4 Ant C	10.02	10.84

Table H-397
NR Band n77 C-Band Antenna I, E, C Measured P_{Limit} for DSI = 2 (Head) - 10 MHz Bandwidth

NR Band n77 10 MHz Bandwidth		
Channel		
Antenna	650000 (3750 MHz)	662000 (3930 MHz)
	Conducted Power [dBm]	
SRS #2 Ant I	10.33	11.00
SRS #3 Ant E	10.98	10.52
SRS #4 Ant C	9.89	10.88

FCC ID: A3LSMF731U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 185 of 188

Table H-398

NR Band n77 C-Band Antenna I, E, C Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 90 MHz Bandwidth

NR Band n77 90 MHz Bandwidth		
Channel		
Antenna	650000 (3750 MHz)	662000 (3930 MHz)
	Conducted Power [dBm]	
SRS #2 Ant I	11.67	12.46
SRS #3 Ant E	12.22	11.73
SRS #4 Ant C	11.26	12.01

Table H-399

NR Band n77 C-Band Antenna I, E, C Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 80 MHz Bandwidth

NR Band n77 80 MHz Bandwidth		
Channel		
Antenna	650000 (3750 MHz)	662000 (3930 MHz)
	Conducted Power [dBm]	
SRS #2 Ant I	11.70	12.44
SRS #3 Ant E	12.27	11.79
SRS #4 Ant C	11.25	12.07

Table H-400

NR Band n77 C-Band Antenna I, E, C Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 70 MHz Bandwidth

NR Band n77 70 MHz Bandwidth		
Channel		
Antenna	650000 (3750 MHz)	662000 (3930 MHz)
	Conducted Power [dBm]	
SRS #2 Ant I	11.67	12.46
SRS #3 Ant E	12.24	11.76
SRS #4 Ant C	11.26	12.04

Table H-401

NR Band n77 C-Band Antenna I, E, C Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 60 MHz Bandwidth

NR Band n77 60 MHz Bandwidth		
Channel		
Antenna	650000 (3750 MHz)	662000 (3930 MHz)
	Conducted Power [dBm]	
SRS #2 Ant I	11.74	12.48
SRS #3 Ant E	12.37	11.92
SRS #4 Ant C	11.29	12.22

FCC ID: A3LSMF731U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 186 of 188

Table H-402
NR Band n77 C-Band Antenna I, E, C Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 50 MHz Bandwidth

NR Band n77 50 MHz Bandwidth		
Channel		
Antenna	650000 (3750 MHz)	662000 (3930 MHz)
	Conducted Power [dBm]	
SRS #2 Ant I	11.73	12.43
SRS #3 Ant E	12.39	11.89
SRS #4 Ant C	11.37	12.12

Table H-403
NR Band n77 C-Band Antenna I, E, C Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 40 MHz Bandwidth

NR Band n77 40 MHz Bandwidth		
Channel		
Antenna	650000 (3750 MHz)	662000 (3930 MHz)
	Conducted Power [dBm]	
SRS #2 Ant I	11.95	12.50
SRS #3 Ant E	12.58	12.05
SRS #4 Ant C	11.54	12.33

Table H-404
NR Band n77 C-Band Antenna I, E, C Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 30 MHz Bandwidth

NR Band n77 30 MHz Bandwidth		
Channel		
Antenna	650000 (3750 MHz)	662000 (3930 MHz)
	Conducted Power [dBm]	
SRS #2 Ant I	11.92	12.50
SRS #3 Ant E	12.54	12.05
SRS #4 Ant C	11.47	12.30

Table H-405
NR Band n77 C-Band Antenna I, E, C Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 20 MHz Bandwidth

NR Band n77 20 MHz Bandwidth		
Channel		
Antenna	650000 (3750 MHz)	662000 (3930 MHz)
	Conducted Power [dBm]	
SRS #2 Ant I	11.93	12.50
SRS #3 Ant E	12.57	12.08
SRS #4 Ant C	11.47	12.38

FCC ID: A3LSMF731U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 187 of 188

Table H-406

NR Band n77 C-Band Antenna I, E, C Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 15 MHz Bandwidth

NR Band n77 15 MHz Bandwidth		
Channel		
Antenna	650000 (3750 MHz)	662000 (3930 MHz)
	Conducted Power [dBm]	
SRS #2 Ant I	11.90	12.50
SRS #3 Ant E	12.53	12.04
SRS #4 Ant C	11.48	12.37

Table H-407

NR Band n77 C-Band Antenna I, E, C Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 10 MHz Bandwidth

NR Band n77 10 MHz Bandwidth		
Channel		
Antenna	650000 (3750 MHz)	662000 (3930 MHz)
	Conducted Power [dBm]	
SRS #2 Ant I	11.75	12.50
SRS #3 Ant E	12.40	12.03
SRS #4 Ant C	11.35	12.42

FCC ID: A3LSMF731U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 188 of 188